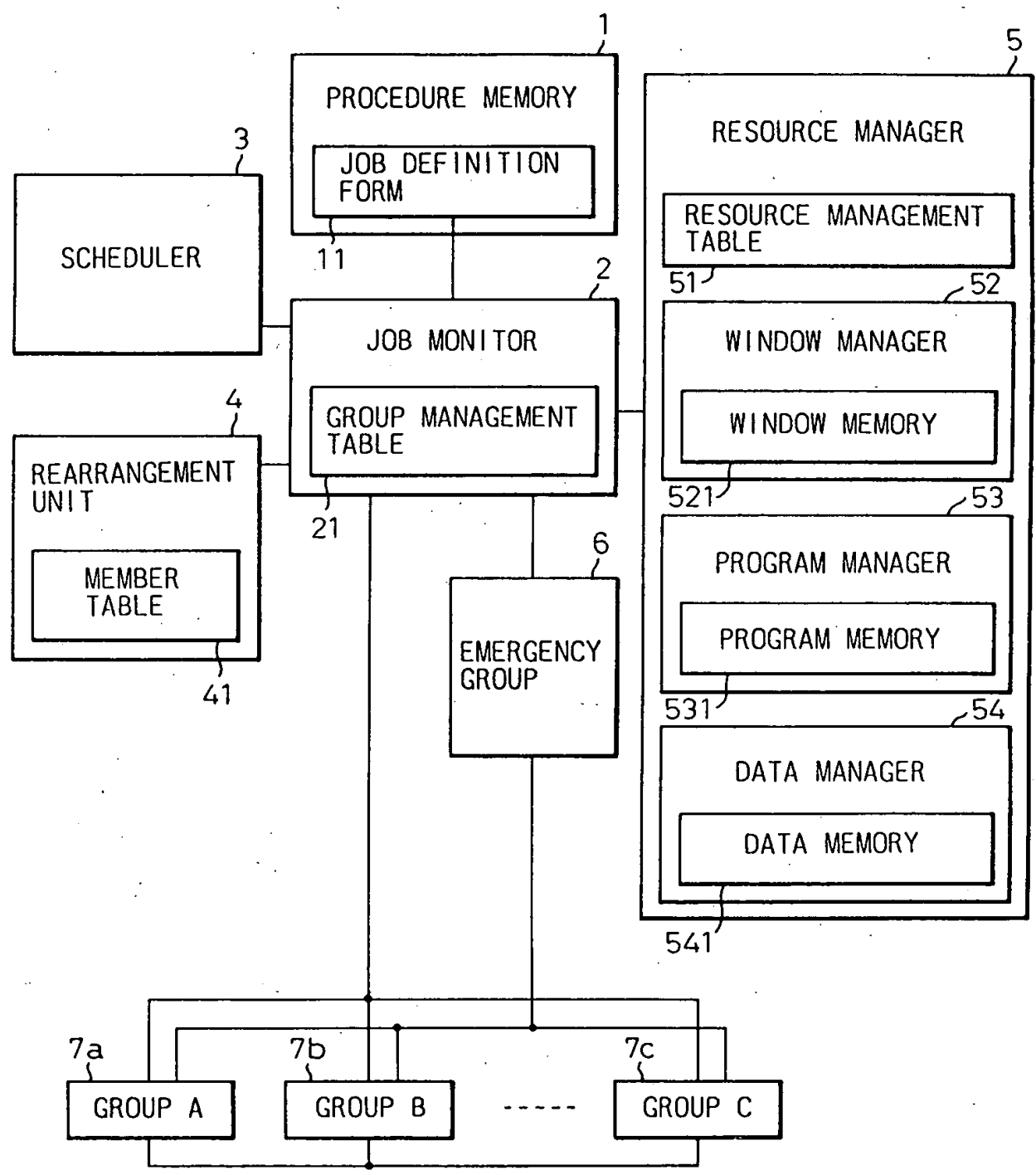
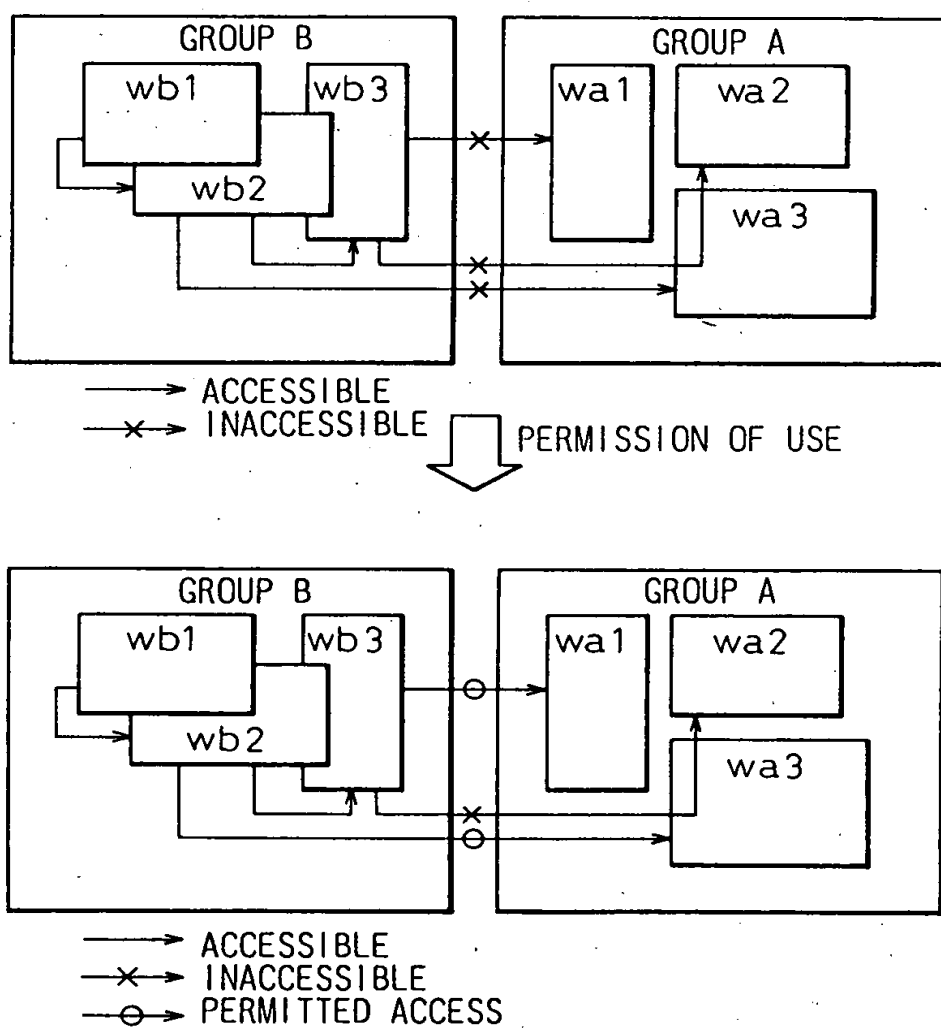


Fig.1



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Fig.2



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Fig.3(A)

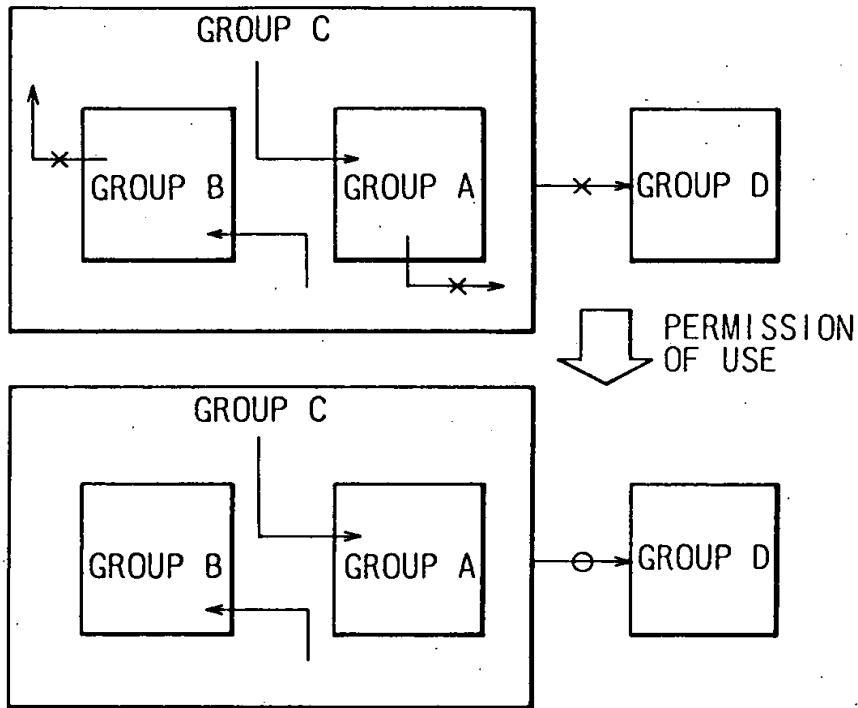
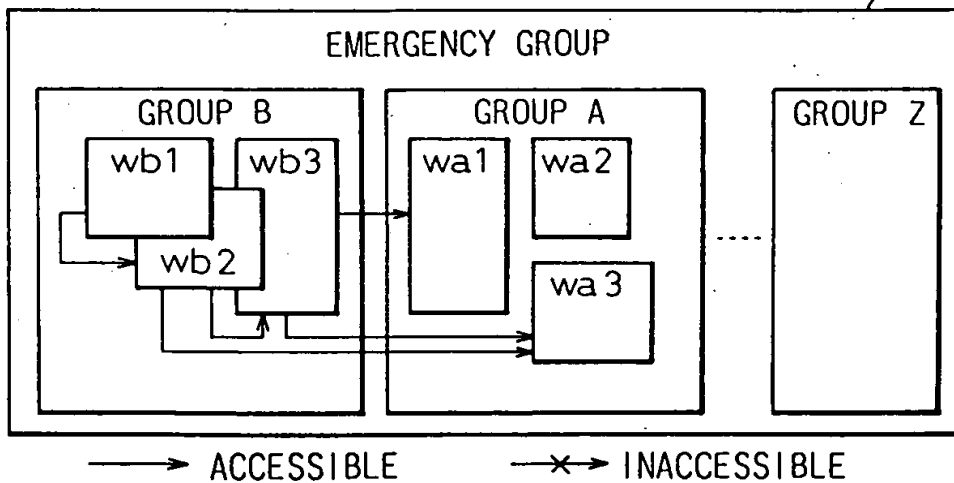


Fig.3(B)



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APPROVED	FIG.
BY	CLASS
DATE	CLASS

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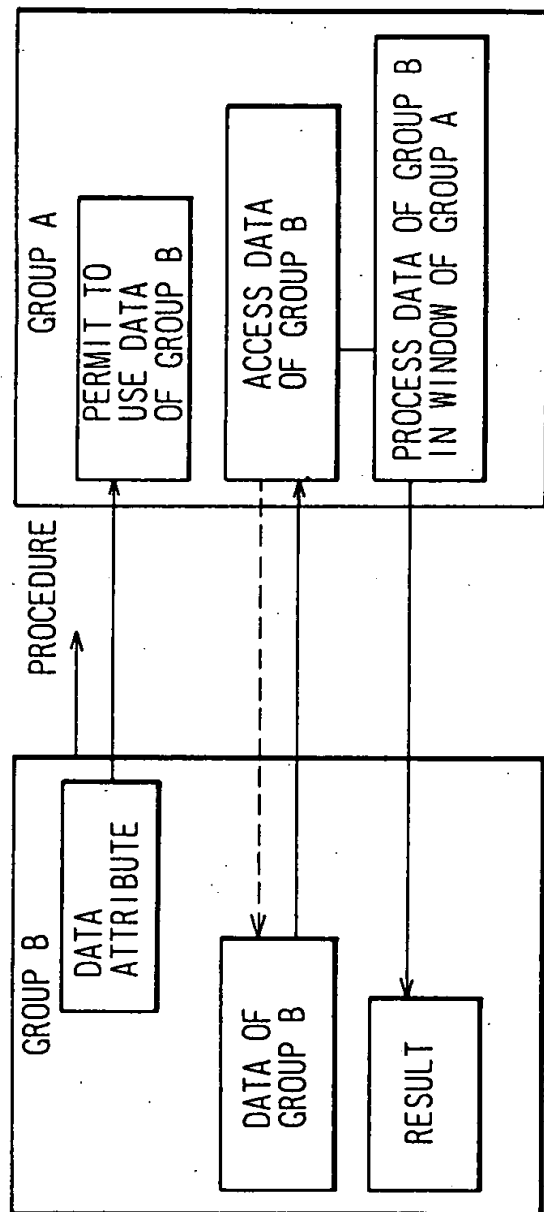


Fig. 4(A)

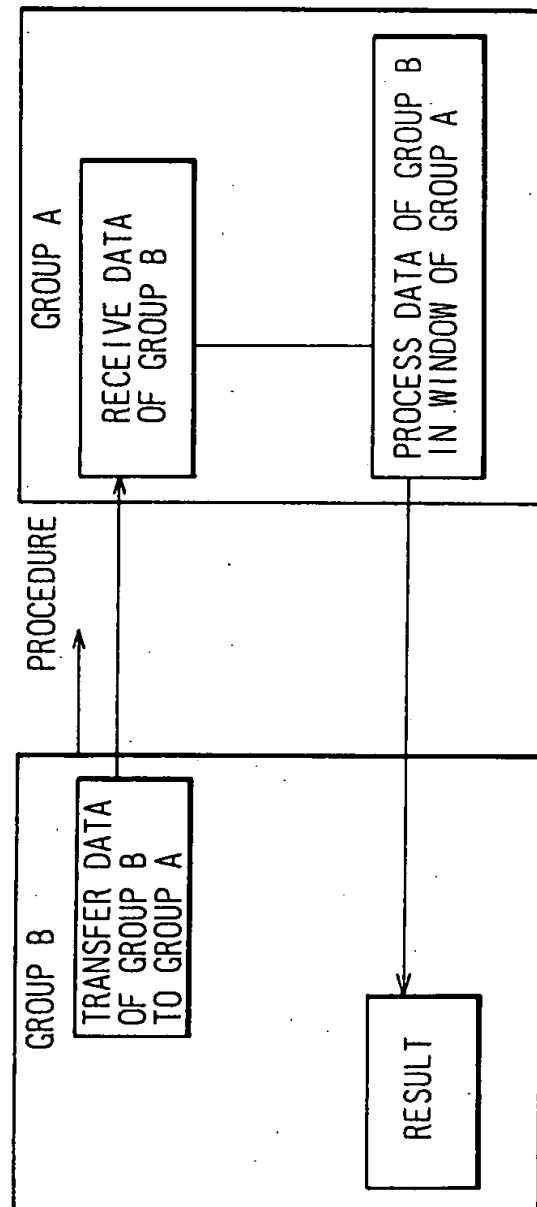


Fig. 4(B)

66400" 80252260

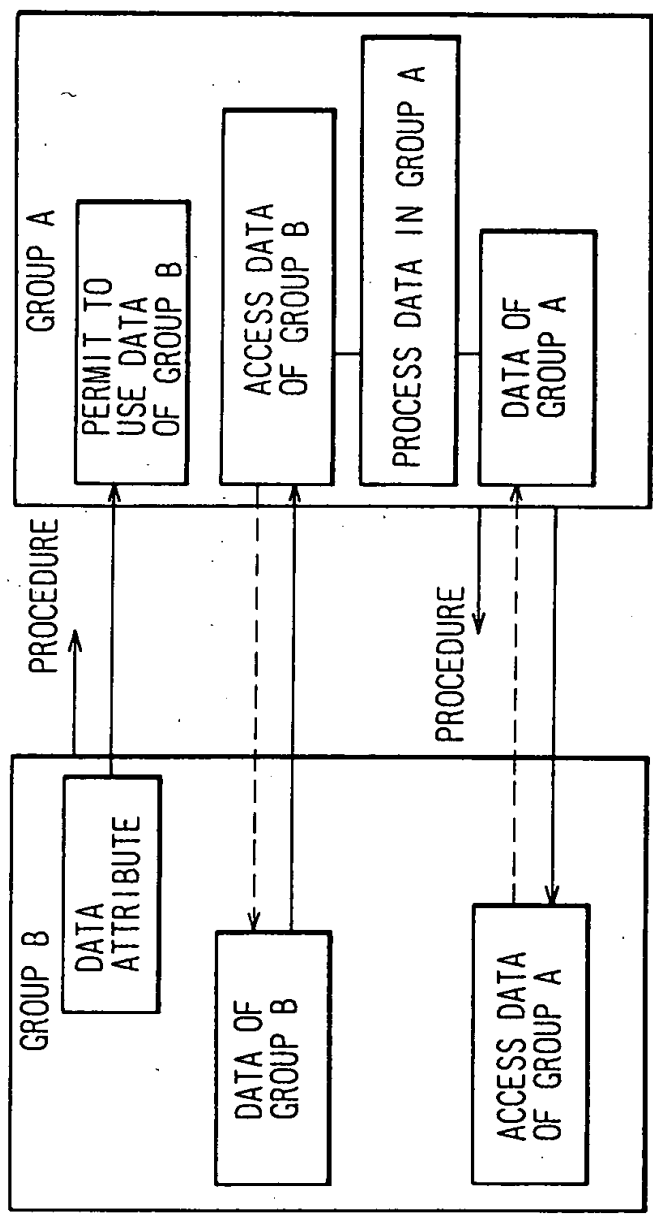


Fig. 5(A)

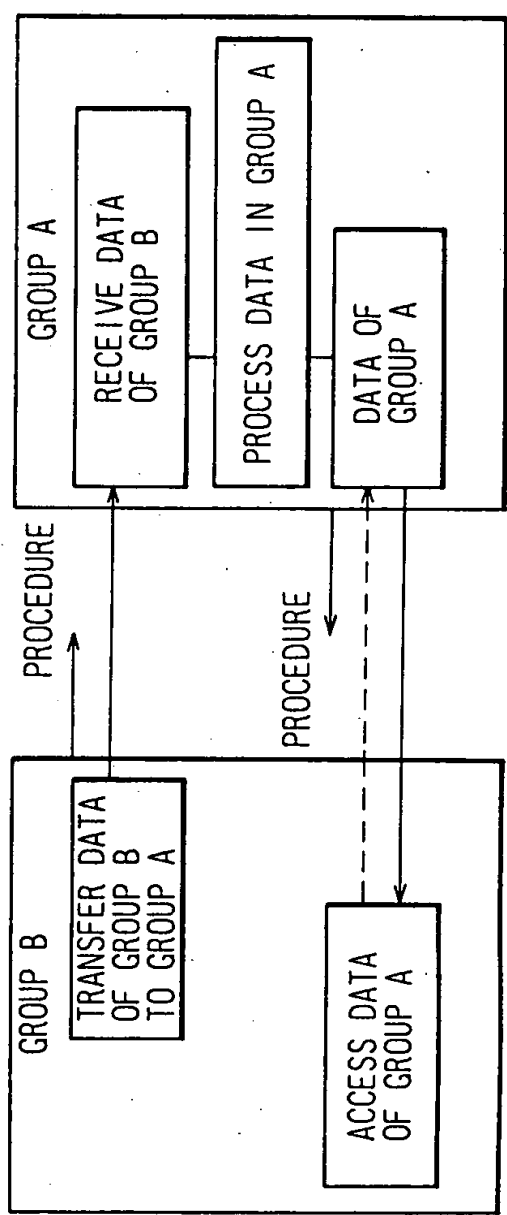


Fig. 5(B)

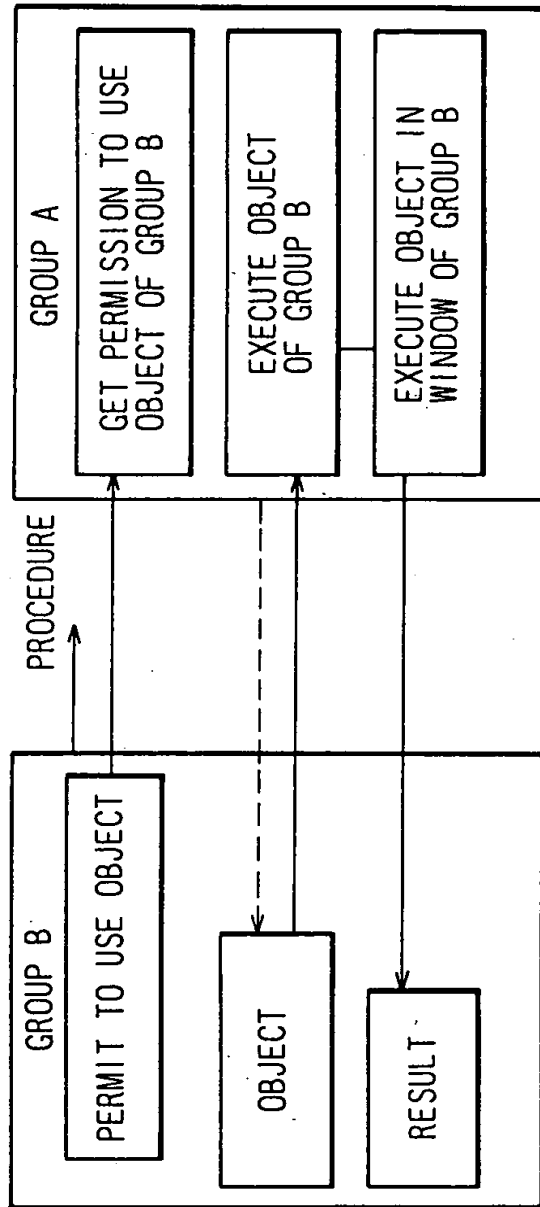


Fig. 6(A)

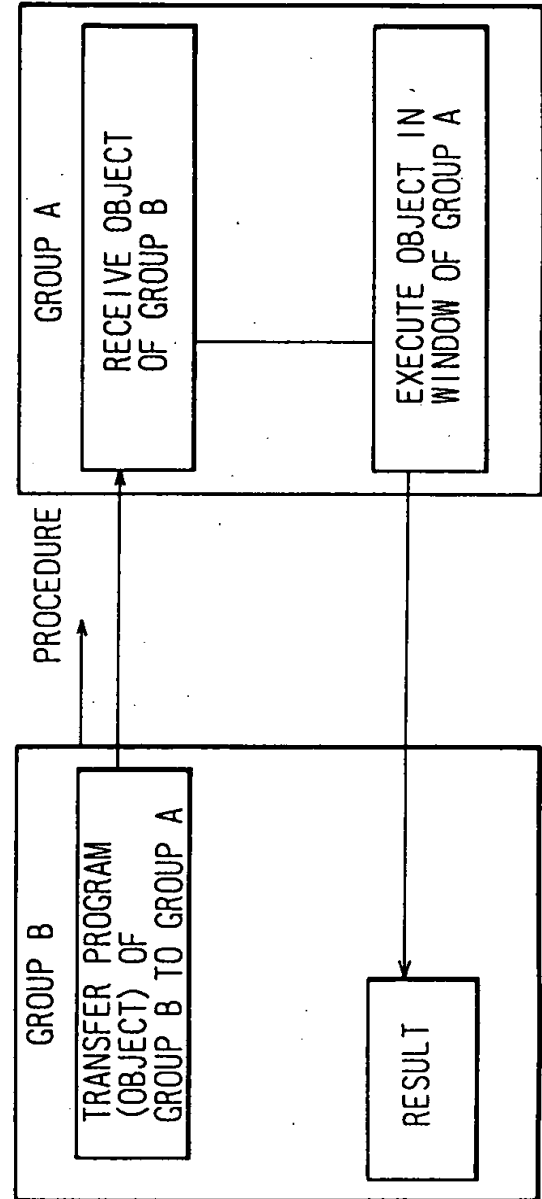


Fig. 6(B)

Fig.7(A)

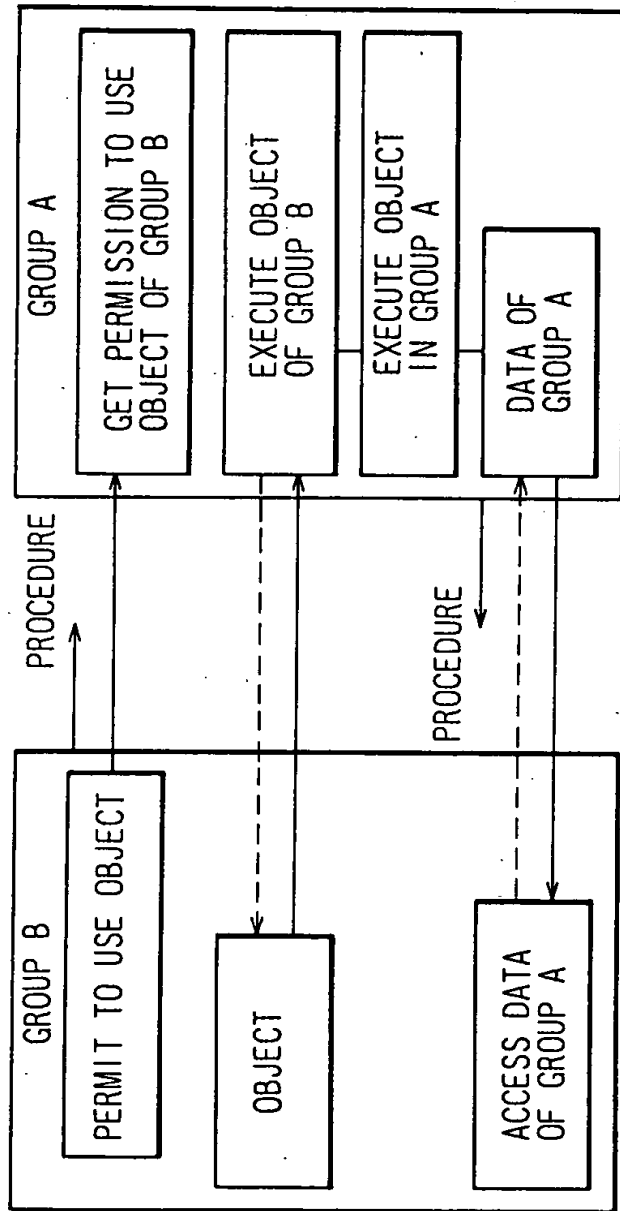
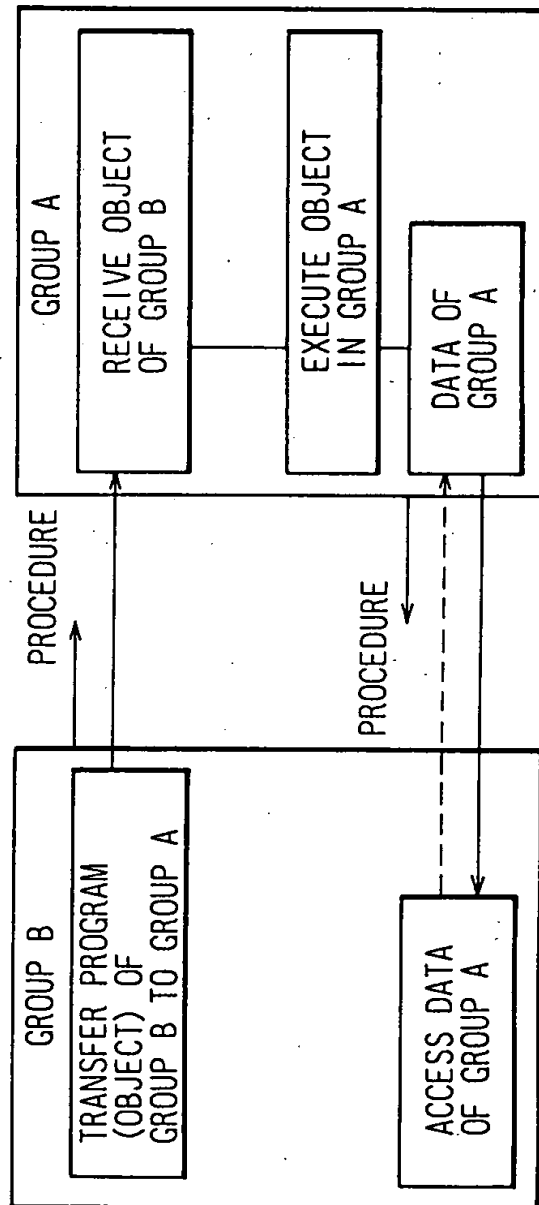


Fig.7(B)



APPROVED	U.C. FIG.	
TY	ELIACS	QUI CLASS
BATCHNAI		

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Fig. 8

DATE OF START: stdate
DATE OF COMPLETION: spdate
GROUP: A

PROCEDURE

JOB: A1

LINK:***

WORKER: 1,2,...,n

DATE OF START: stdate-A1

DATE OF COMPLETION: spdate-A1

WINDOW:

OBJECT:

DATA:

JOB: A2

LINK:***

WORKER: 1,2,...,n

DATE OF START: stdate-A2

DATE OF COMPLETION: spdate-A2

WINDOW:

OBJECT:

DATA:

.

.

.

JOB: An

LINK:***

WORKER: 1,2,...,n

DATE OF START: stdate-An

DATE OF COMPLETION: spdate-An

WINDOW:

OBJECT:

DATA:

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Fig.9

```

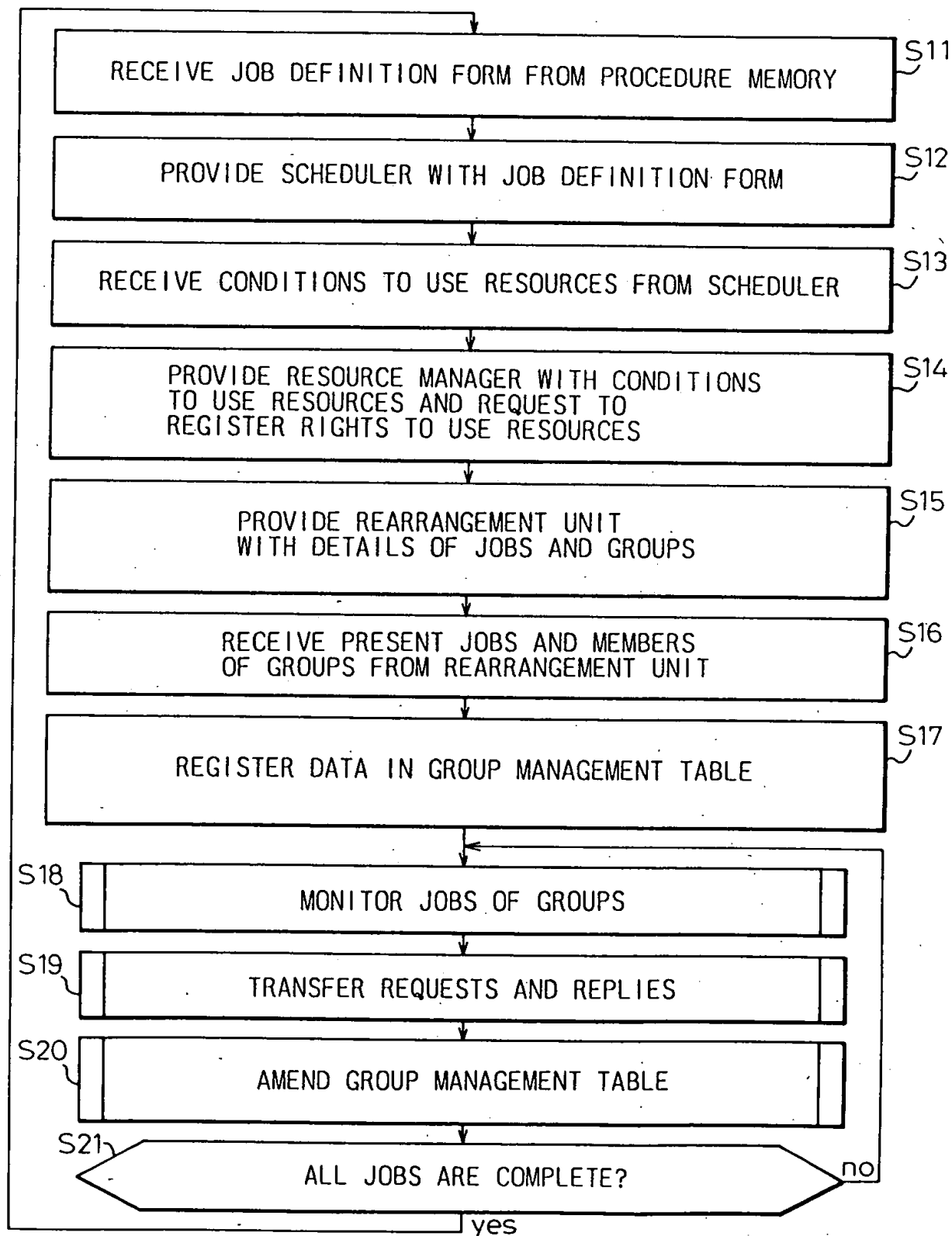
use: GROUP A(JOB A1), ..., GROUP Z(JOB Z1)
member: GROUP A(JOB A1)[WORKER 1, ..., WORKER n]
        GROUP B(JOB B1)[WORKER 1, ..., WORKER n]
        ...
        GROUP Z(JOB Z1)[WORKER 1, ..., WORKER n]
start: sdate
stop: spdate

PROCEDURE:
  for(time N week)
    if(status: GROUP A(JOB A1)=all) then exit
    if(status: GROUP B(JOB B1)=all) then exit
    ...
    GROUP A(JOB A1):
      resource([window1, ..., windowk],
               [object1, ..., objectL],
               [data1, ..., dataM])
    GROUP B(JOB B1):
      resource([window1, ..., windowk],
               [object1, ..., objectL],
               [data1, ..., dataM])
    ...
  end for
  loop GROUP A(JOB A1) status: all endLoop
  loop GROUP B(JOB B1) status: all endLoop
  delete GROUP A(JOB A1):
    resource([window1, ..., windowk],
             [object1, ..., objectL],
             [data1, ..., dataM])
  delete GROUP B(JOB B1):
    resource([window1, ..., windowk],
             [object1, ..., objectL],
             [data1, ..., dataM])
    ...
  for(time N week)
    ...
  END OF JOBS
  
```

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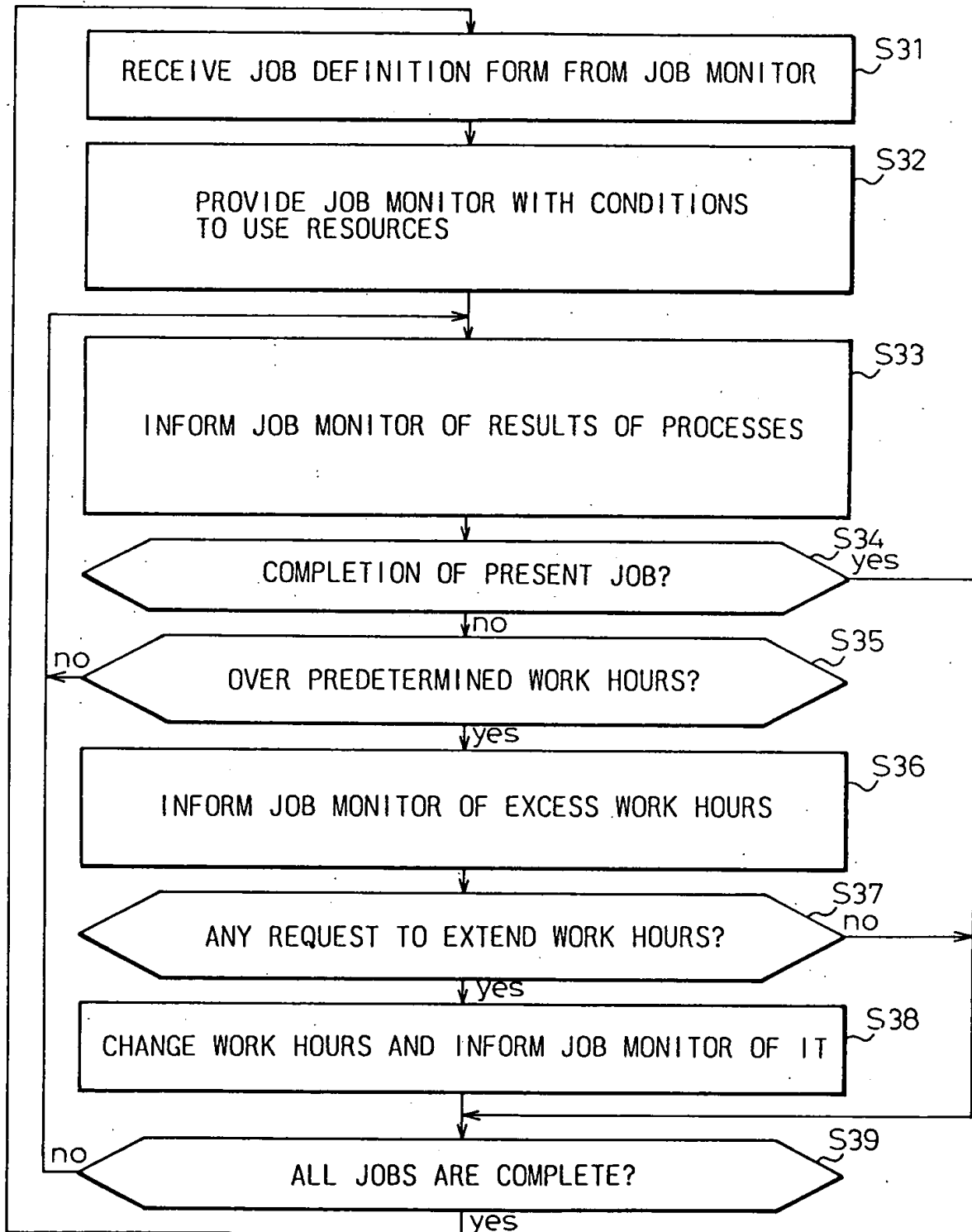
Fig.10



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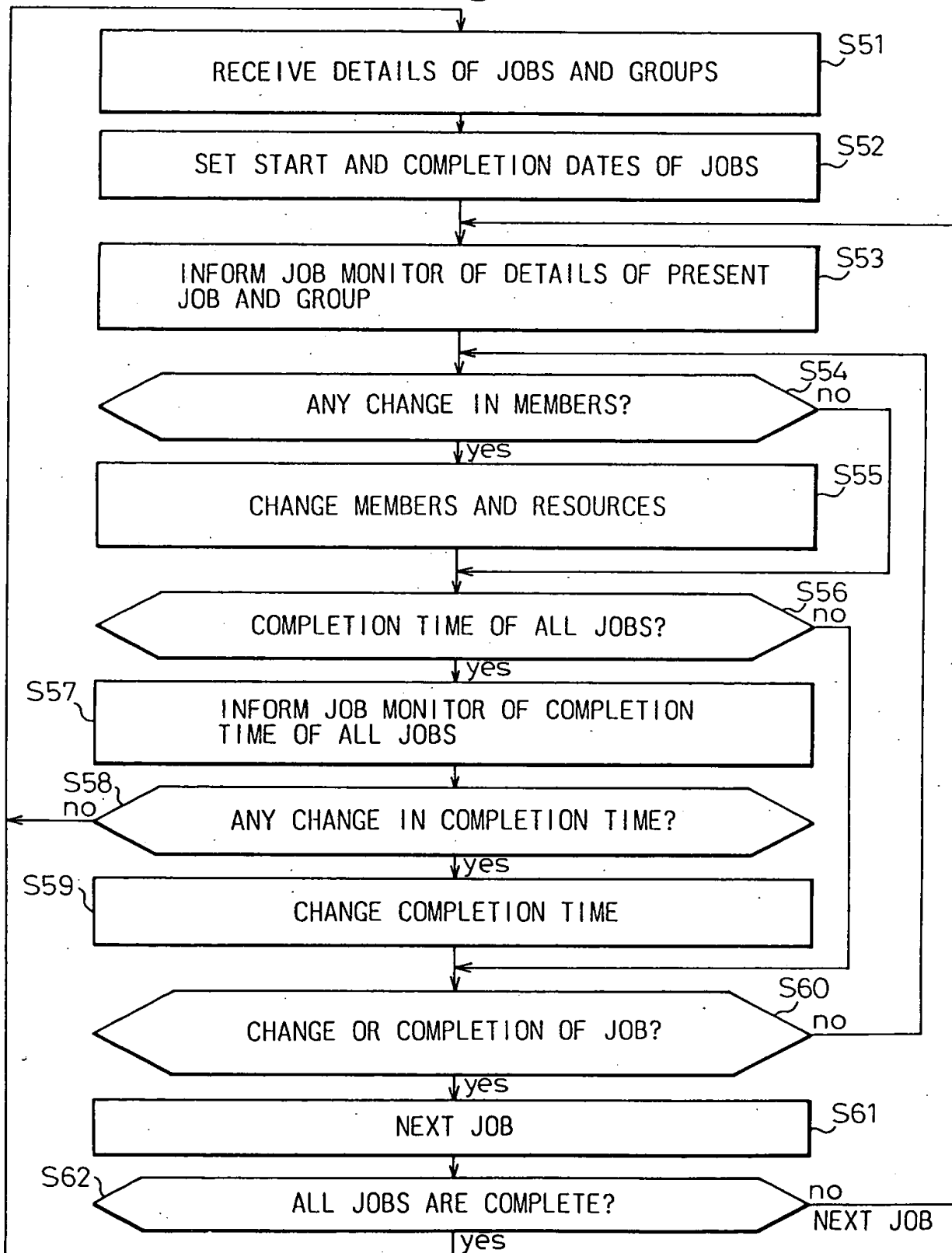
Fig.11



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Fig.12



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Fig.13

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WINDOW	NUMBER	GROUP (JOB)	FLAG	GROUP (JOB)	FLAG	---
:	:	:	:	:	:	---
OBJECT						---
:	:	:	:	:	:	
DATA FILE						---
:	:	:	:	:	:	

FLAG	
0	UNUSED
1	IN USE
3	IN USE AND UPDATED DATA FILE
4	AVAILABLE FOR ANOTHER GROUP
5	BELONGING TO ANOTHER GROUP BUT AVAILABLE

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Fig.14

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GROUP (JOB)	NUMBER	WORKER	WORKER	WORKER

Fig.15(A)

GROUP (JOB)	WINDOW	OBJECT	DATA	CONDITIONS
:	:	:	:	:

WINDOW INFORMATION
(WINDOW ENVIRONMENT (SIZE, MENU, ETC.))
WINDOW ACTIVATION FILE

OBJECT INFORMATION
(OBJECT ACTIVATION STYLE,...)
OBJECT ACTIVATION FILE

DATA ATTRIBUTE INFORMATION
(DATA TYPE (READ-ONLY, FORMAT,...))
DATA FILE

Fig.15(B)

CONDITIONS		
WINDOW CONDITIONS	OBJECT CONDITIONS	DATA STORAGE CONDITIONS

Fig.15(C)

0: UNUSED
1: IN USE
2: EXCLUSIVE USE
3: IN USE, PARTLY AVAILABLE FOR ANOTHER GROUP

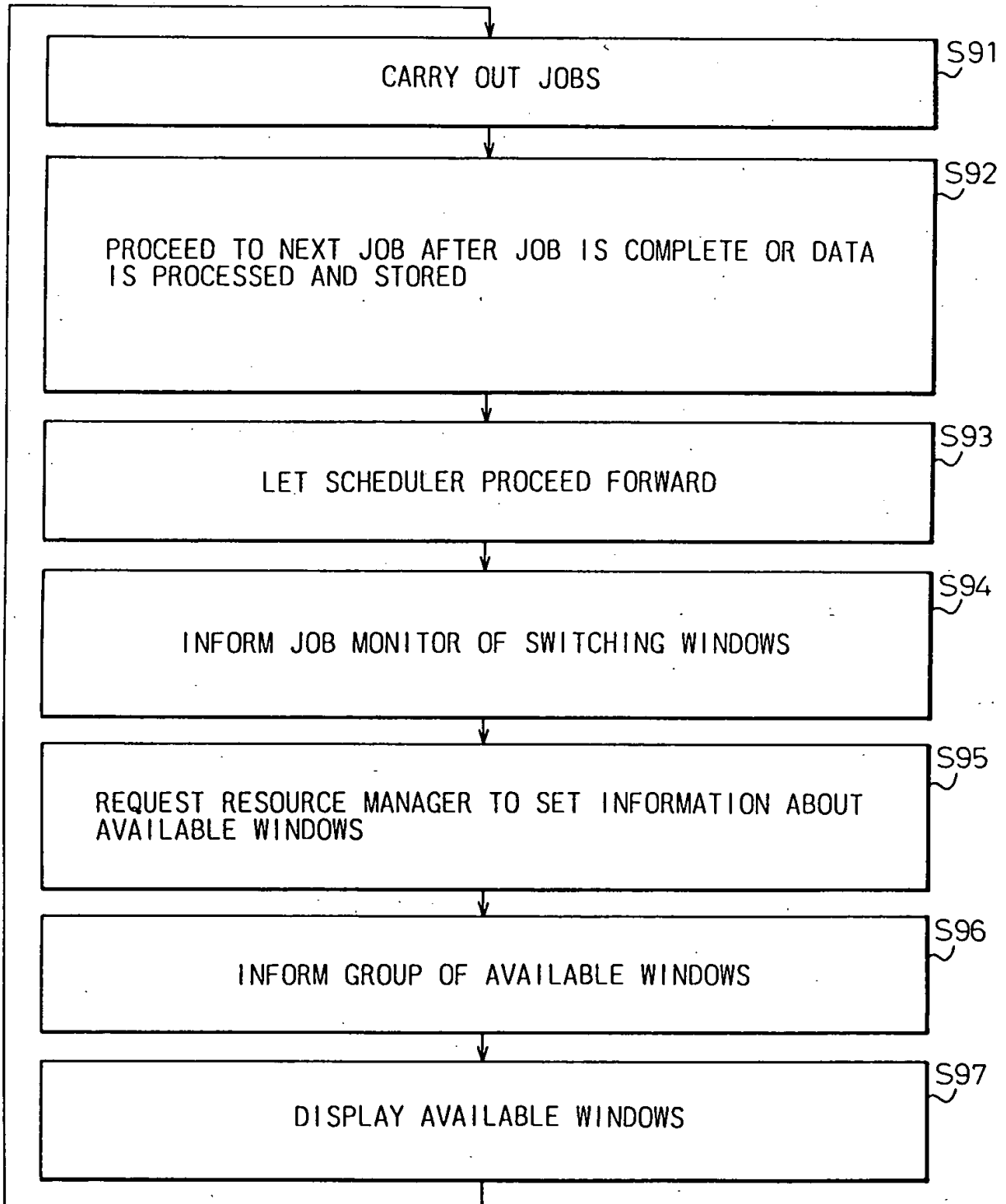
Fig.15(D)

0: NOT STORED
1: COMPLETELY PROCESSED
2: INTERIM DATA STORED
4: REQUESTED DATA
5: STORED REQUESTED DATA
6: PROCESSING REQUESTED DATA

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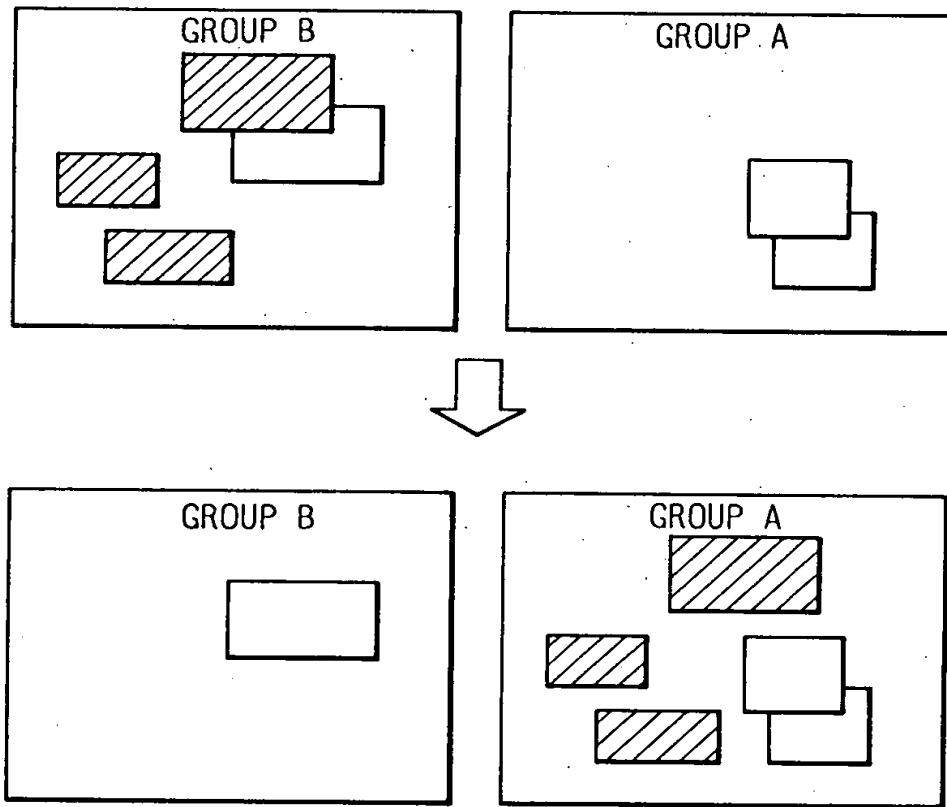
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Fig.16



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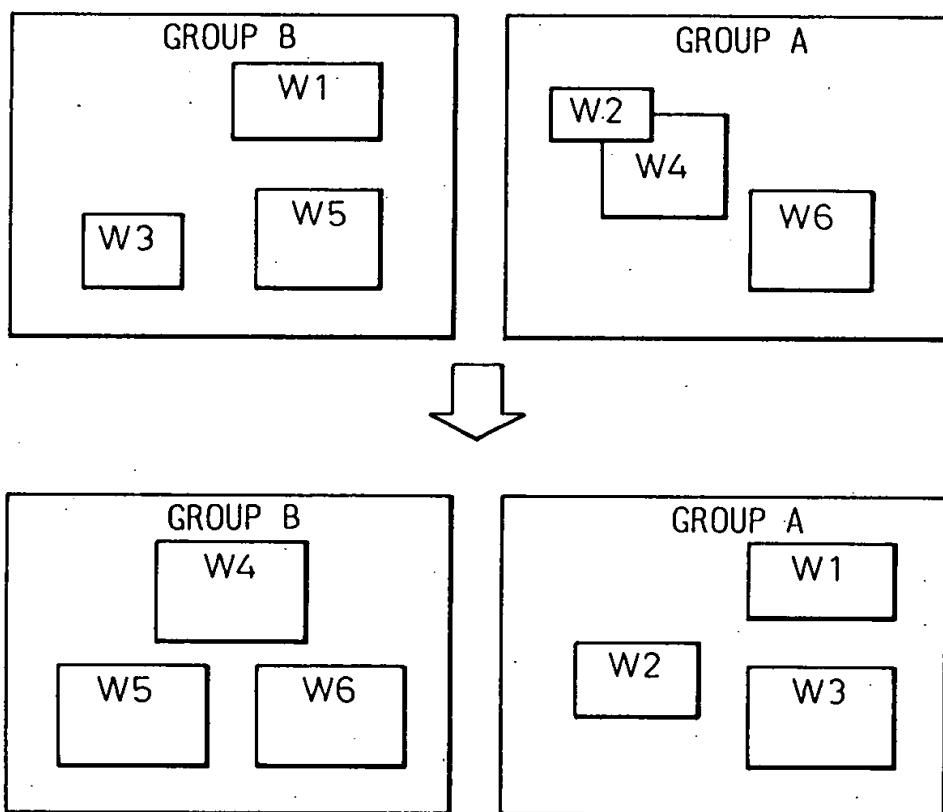
Fig.17



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Fig.18



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Fig.19(A)

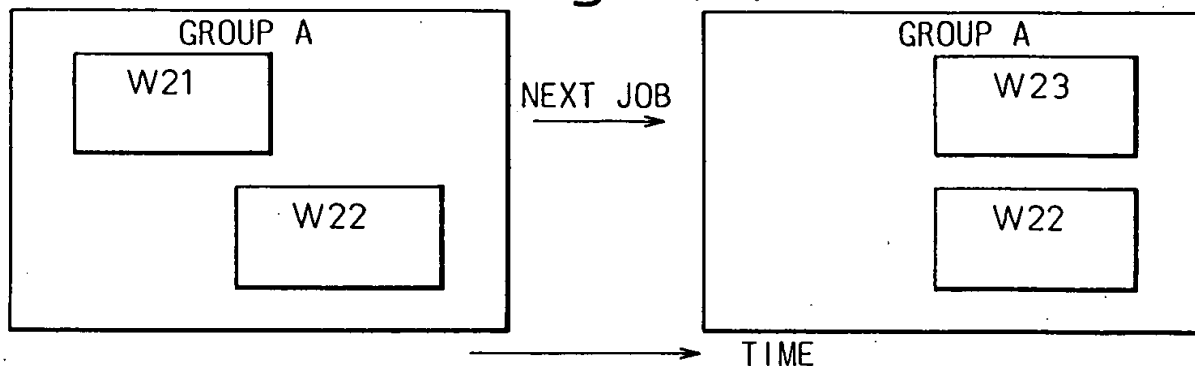


Fig.19(B)

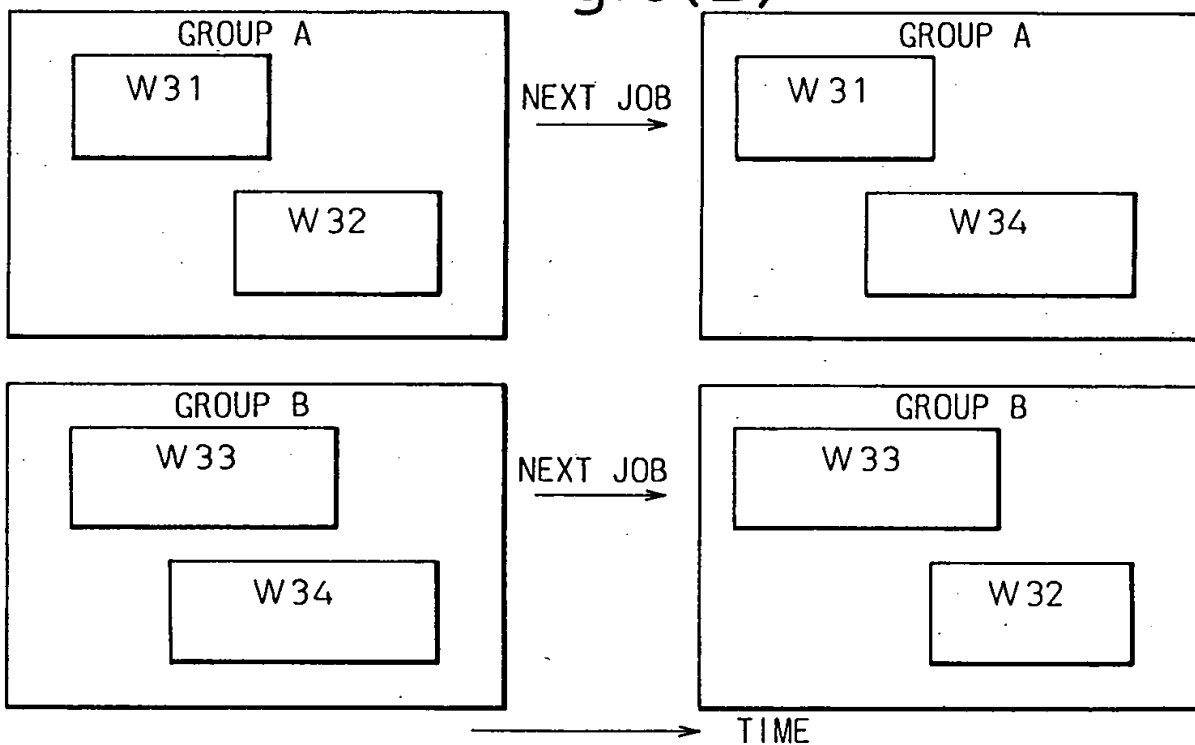
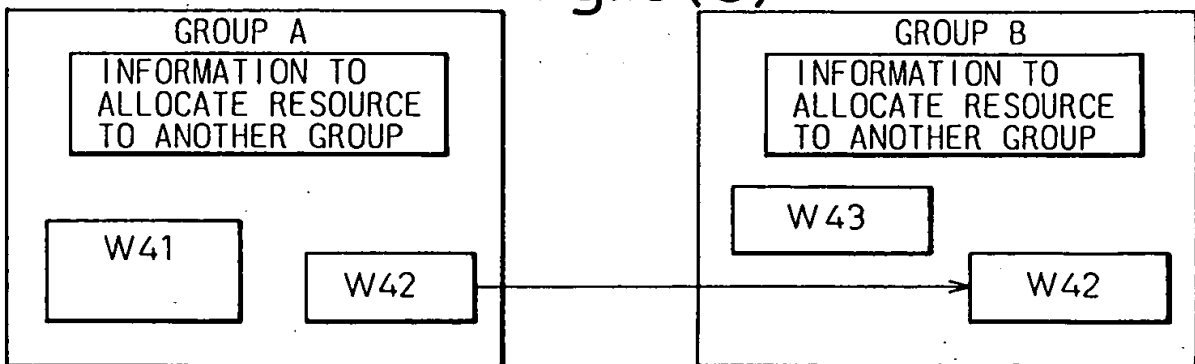


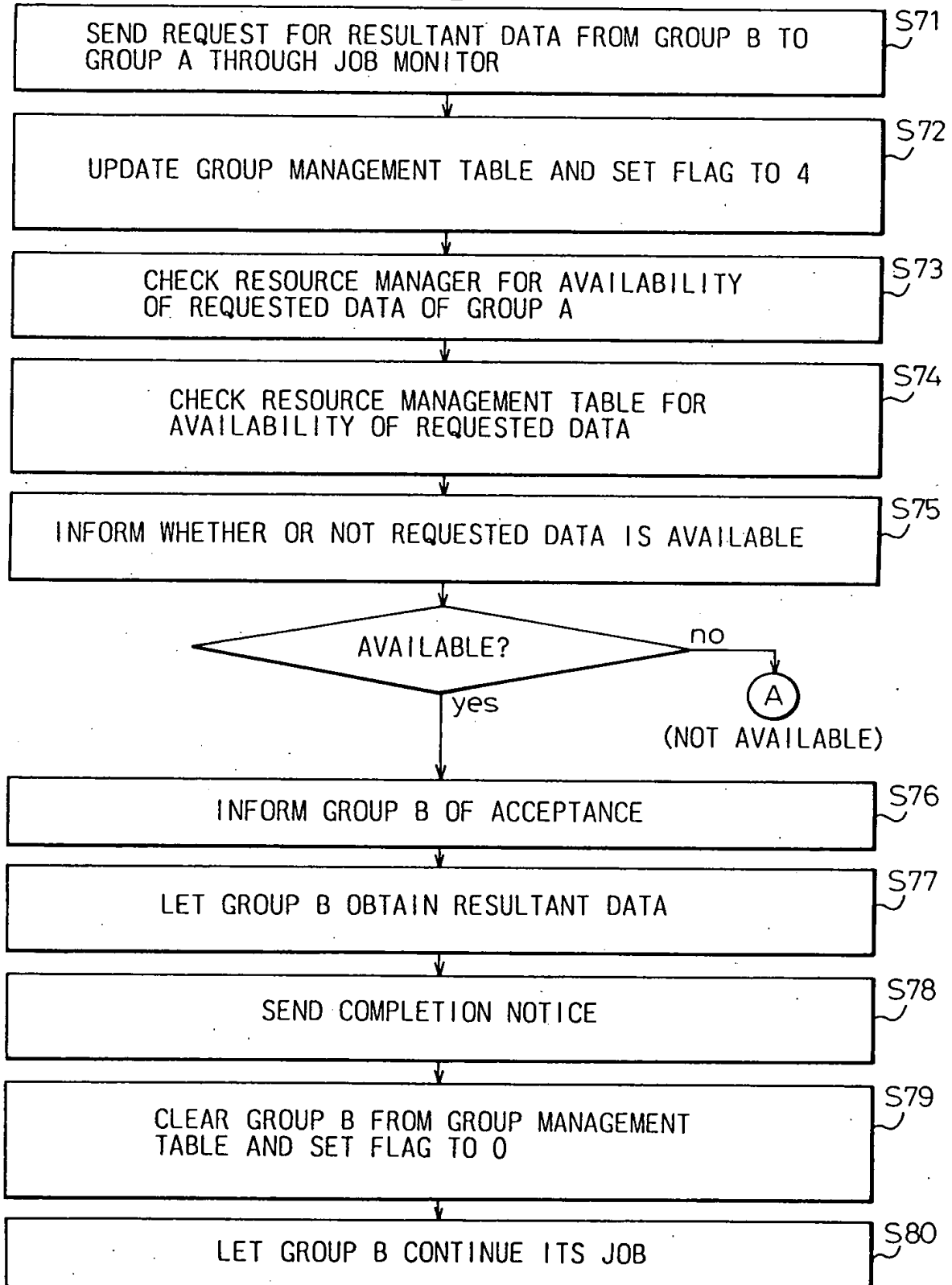
Fig.19(C)



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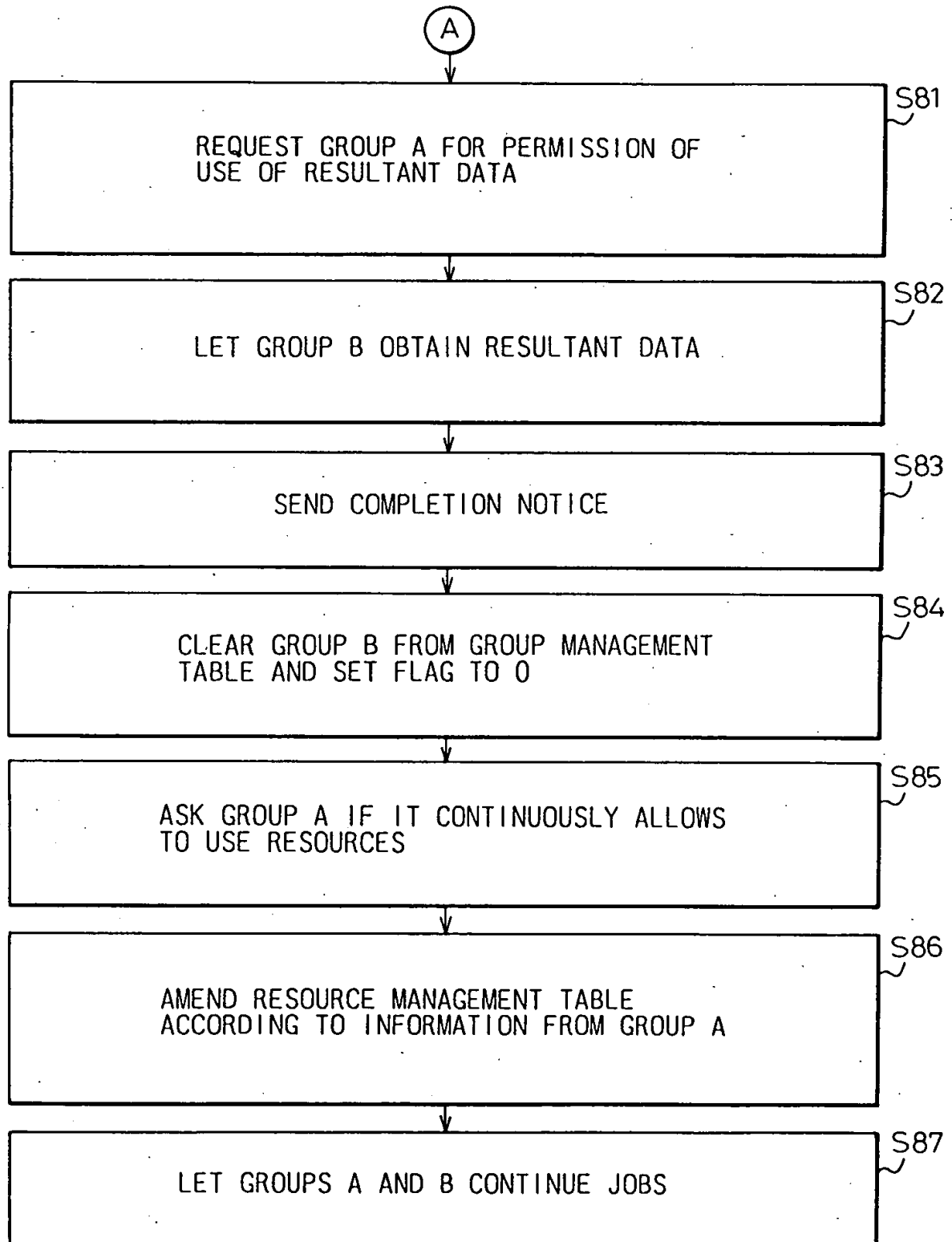
Fig.20



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Fig.21



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Fig.22

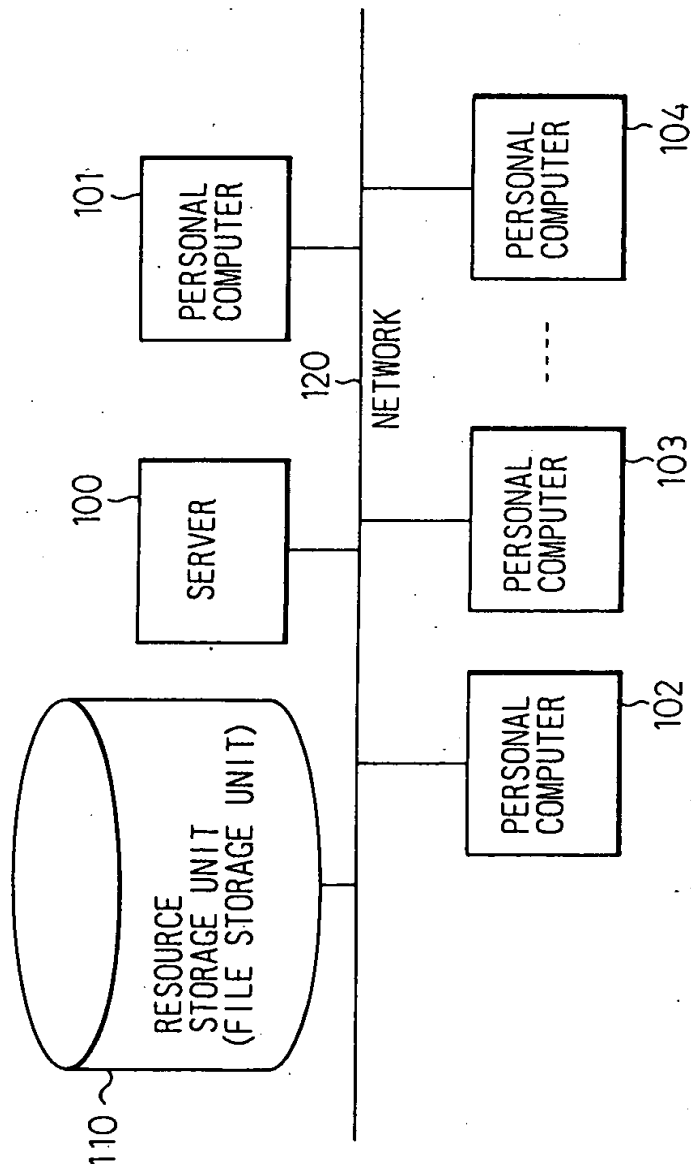
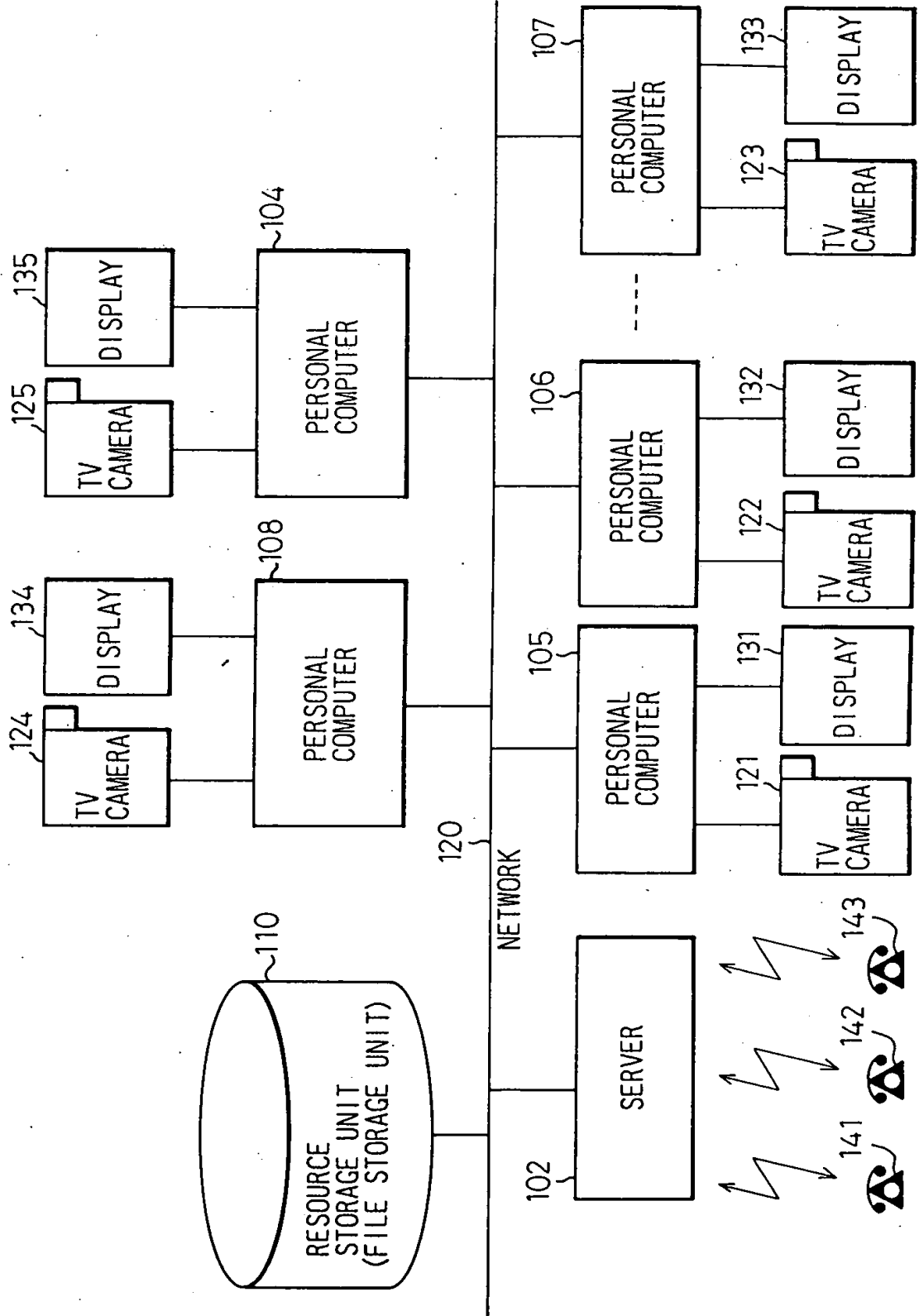
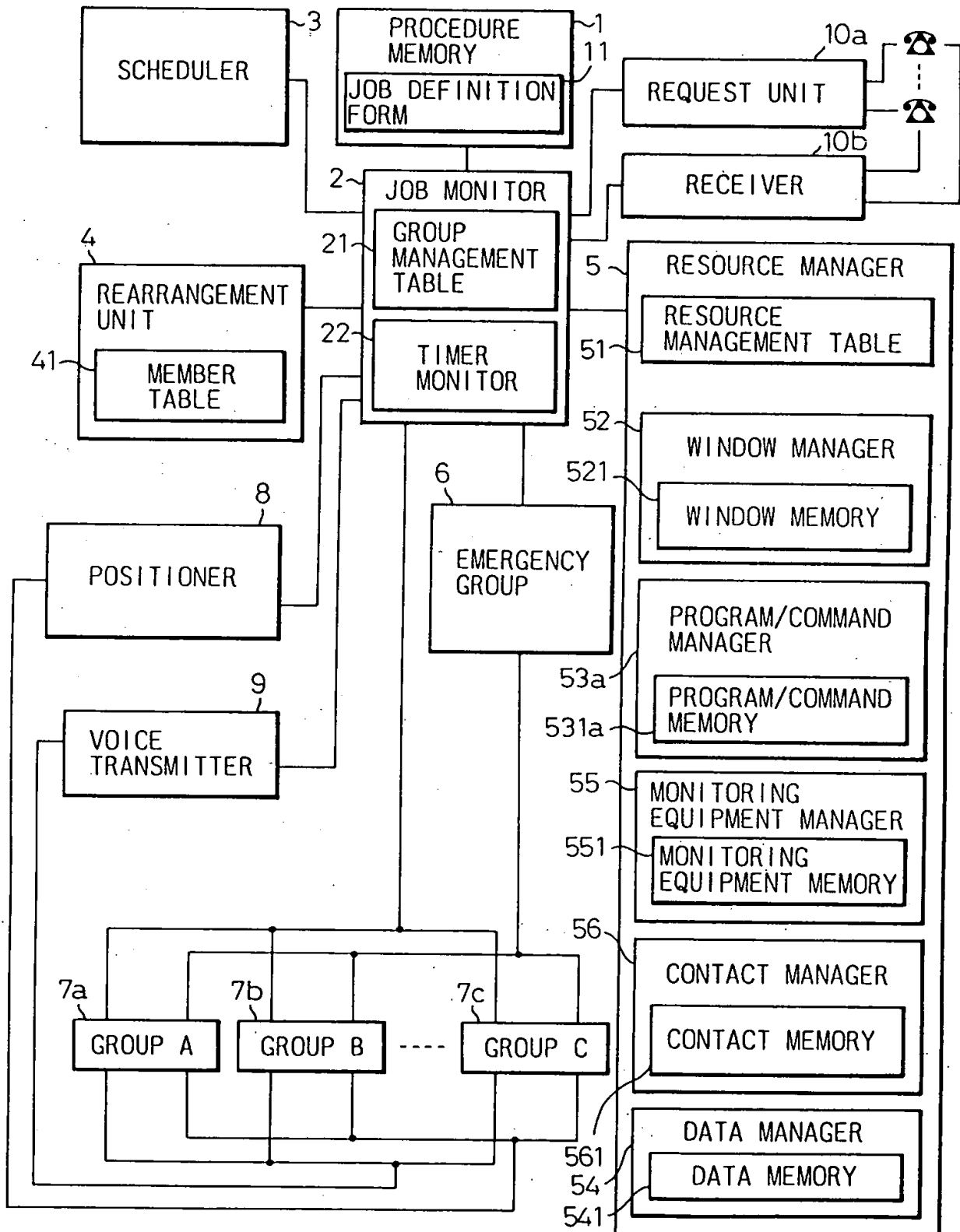


Fig. 23



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Fig. 24



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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DATE		

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Fig. 25(A)

GROUP (JOB)	NUMBER OF MEMBERS	MEMBER	WINDOW	OBJECT/COMMAND	DATA	MONITOR/VOICE	CONTACT	WORK CONDITIONS
...

Fig. 25(B)

WORK CONDITIONS				
WINDOW	OBJECT/COMMAND	DATA STORAGE	CONTACT	MONITOR CAMERA OPERATION
				MONITOR CAMERA INPUT
				VOICE INPUT/OUTPUT

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
WATSMAN	

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Fig. 25(C)

- 0: UNUSED
- 1: IN USE
- 2: EXCLUSIVE USE
- 3: EXCLUSIVE USE BY SPECIFIC MEMBERS
- 4: EXCLUSIVE USE BY SPECIFIC MEMBER
- 5: IN USE, AVAILABLE FOR ANOTHER GROUP
- 6: BEING CHECKED
- 7: BEING CHECKED WITH ALL MEMBERS
- 8: USED UNDER PERMISSION OF ALL MEMBERS
- 9: BEING CHECKED WITH SPECIFIC MEMBERS
- 10: BEING CHECKED WITH SPECIFIC MEMBER

Fig. 25(D)

- 0: NOT STORED
- 1: COMPLETELY PROCESSED
- 2: INTERIM DATA STORED
- 3: STORAGE PROHIBITED, READ ONLY
- 4: STORAGE PROHIBITED, READABLE IF AGREED BY ALL MEMBERS
- 5: STORAGE PROHIBITED, READABLE IF AGREED BY SPECIFIC MEMBER
- 6: REQUESTED DATA
- 7: REQUESTED DATA STORED
- 8: PROCESSING REQUESTED DATA

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Fig. 26(A)

0: UNUSED
1: CONTACTING
2: CONTACTING WITH ALL MEMBERS
3: NOTIFIED
4: NOTIFIED TO ALL MEMBERS
1X: PORTABLE TELEPHONE
2X: PAGER
3X: PERSONAL COMPUTER COMMUNICATION
4X: OTHER COMMUNICATIONS

X: 0 TO 4

Fig. 26(B)

0: UNUSED
1: START MOVING CAMERA
2: MOVING CAMERA
3: POSITIONED
1X: MOVING RIGHT
2X: MOVING LEFT
3X: MOVING UP
4X: MOVING DOWN

Fig. 26(C)

0: UNUSED
1: POSITION ERROR
2: NO INPUT
3: INPUTTING

Fig. 26(D)

0: UNUSED
1: REQUEST FOR VOICE MESSAGE
2: REQUEST FOR REGISTRATION OF VOICE MESSAGE
3: SPECIFYING VOICE MESSAGE DESTINATION
4: CHECKING VOICEPRINT

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APPROVED	D.G. FIG.	
BY	CLASS	SUBCLASS
CRAFTSMAN		

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Fig. 27

WINDOW INFORMATION
(OS, CPU, WINDOW ENVIRONMENT (SIZE, MENU))
WINDOW ACTIVATION FILES (OS, CPU)

Fig. 28

OBJECT/COMMAND INFORMATION
(OS, CPU, OBJECT ACTIVATION FORMAT)
OBJECT ACTIVATION FILES (OS, CPU)

Fig. 29

INFORMATION ABOUT MONITOR AND VOICE
(MEMBER, LOCATION, POSITION (DIRECTION, ANGLE), TYPE (VOICE))
OPERATING FILES FOR MONITOR AND VOICE

Fig. 30

CONTACT INFORMATION
(NAME, LOCATION, TELEPHONE NUMBER, AND MESSAGE CODE OF EACH MEMBER)
CONTACT OPERATING FILES

Fig. 31

DATA ATTRIBUTE INFORMATION
(DATA TYPE (READ-ONLY, FORMAT, TYPE (DYNAMIC IMAGE, VOICE))
DATA FILES

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Fig.32(A)

WINDOW	NUMBER	GROUP (JOB)	FLAG	GROUP (JOB)	FLAG	-----
COMMAND/ PROGRAM						-----
DATA						-----

Fig.32(B)

FLAG	
0	UNUSED
1	IN USE
3	UPDATED DATA/OBJECT/COMMAND/WINDOW IN USE
5	CREATING NEW FILE FROM PRESENT DATA/OBJECT/COMMAND/WINDOW
7	DIFFERENCE ADDED TO PRESENT DATA/OBJECT/COMMAND/WINDOW
8	ASKING PERMISSION OF ANOTHER GROUP
9	PERMITTED WINDOW/DATA/OBJECT/COMMAND OF ANOTHER GROUP
18	ASKING PERMISSION OF SPECIFIC MEMBER OF ANOTHER GROUP
28	ASKING PERMISSION OF ALL MEMBERS OF ANOTHER GROUP
38	ASKING PERMISSION OF SPECIFIC MEMBERS OF ANOTHER GROUP

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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
NETSMAN		

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Fig.33

GROUP (JOB)	NUMBER	MEMBER	-----	MEMBER
-----	-----	-----	-----	-----

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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
TAFTSHAH		

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Fig.34(A)

MEMBER	GROUP (JOB)	NUMBER	TAG	WINDOW	PERIOD	----
----	----	----	----	----	----	

Fig.34(B)

TAG	
1	WINDOW
2	OBJECT/COMMAND
3	DATA

Fig.34(C)

PERIOD	AVAILABLE PERIOD
--------	------------------

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APPROVED	D.G. FIG.	
BY	CLASS	SUBCLASS
TRAFTSMAN		

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GROUP (JOB)	NUMBER	TAG	WINDOW	PERIOD	-----
-----	-----	-----	-----	-----	

Fig.35(A)

TAG	
1	WINDOW
2	OBJECT OR COMMAND
3	DATA

Fig.35(B)

PERIOD	AVAILABLE PERIOD
--------	------------------

Fig.35(C)

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
RAFTSMAN		

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Fig. 36(A)

START OF FIRST JOB: START DATE
END OF LAST JOB: END DATE
GEUP: C

PROCEDURE

JOB: DEVELOPMENT A

LINK: ***

DATE OF START: start-1

DATE OF COMPLETION: end-1

WORKER: 1,2,...,m

CONTACT ADDRESS

WORKER 1: PRIORITY, CALL, PORTABLE TELEPHONE (TELEPHONE NUMBER)

WORKER 2: NO PRIORITY, PAGER, PORTABLE DEVICE

.....

WORKER m: *****

WINDOW: ***** (PERMISSION, PERIOD, PERMISSION PROCEDURE)

.....

OBJECT/COMMAND: ***** (PERMISSION, PERIOD, PERMISSION PROCEDURE)

.....

DATA: ***** (PERMISSION, PERIOD, PERMISSION PROCEDURE)

.....

CONTACT: POSSIBLE

NUMBER: k

WORKER: 3,8

MONITOR: CAMERA WITH SENSOR, VOICE

*1

APPROVED	O.G. FIG.	
BY	CLASS	QUESTIONS
DATE		

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Fig. 36(B)

*1

```

JOB: DEVELOPMENT B
LINK: ***
DATE OF START: start-2
DATE OF COMPLETION: end-2
WORKER: 1,2,...,n
CONTACT ADDRESS
WORKER 1: NO PRIORITY, PAGER
WORKER 2: PRIORITY, CONTACT, PORTABLE TELEPHONE (TELEPHONE NUMBER)
.....
WORKER n: *****
WINDOW: .....
OBJECT/COMMAND: .....
DATA: .....
CONTACT: POSSIBLE
.....

JOB: DEVELOPMENT J
LINK: ***
.....
MONITOR: CAMERA WITH SENSOR
    
```

APPROVED	O.G. FIG.	
BY	CLASS	QUECLASS
RAFTMAN		

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Fig. 37(A)

```

START OF DEVELOPMENT PROCESS: [
START: start of date
END: END of date
USE: GROUP 1(DEVELOPMENT A1), ..., GROUP 999(DEVELOPMENT NAME)
member: GROUP 1(DEVELOPMENT A1)[WORKER: 1, 2, ..., m]
        GROUP 1(DEVELOPMENT B1)[.....]
        .....
        GROUP 2(DEVELOPMENT A1)[WORKER: .....]
        GROUP 2(DEVELOPMENT B1)[WORKER: .....]
        .....
        GROUP n(DEVELOPMENT A1)[WORKER: .....]
        .....

PROCESS:
  create GROUP 1(DEVELOPMENT A1):
    resource([window1, ..., windowP],
             [object1, command1, ..., commandL],
             [data1, ..., dataN])
  create GROUP 2(DEVELOPMENT A1):
    resource([window1, ..., windowS],
             [command1, ..., object0, commandK],
             [data1, ..., dataJ])
    .....

```

*2

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Fig. 37(B)

```

PROCESS 1:
for(time N week)
if(status: GROUP 1(DEVELOPMENT A1)=end) then exit: PROCESS 1
if(status: GROUP 2(DEVELOPMENT B1)=end) then exit: PROCESS 1
...
GROUP 1(DEVELOPMENT A1):
resource([window1, ..., windowP],
[object1, command1, ..., commandL],
[data1, ..., dataN])
GROUP 2(DEVELOPMENT A1):
resource([window1, ..., windowS],
[command1, ..., object0, commandK],
[data1, ..., dataJ])
.....
end for PROCESS 1
wait((GROUP 1 AND GROUP 2)status=end))
delete GROUP A(DEVELOPMENT A1):
resource([window1, ..., windowP],
[object1, command1, ..., commandL],
[data1, ..., dataN])
delete GROUP 2(DEVELOPMENT A1):
resource([window1, ..., windowS],
[command1, ..., object1, commandK],
[data 1, ..., data J])
.....
create GROUP 1(DEVELOPMENT B1):
resource(.....
.....
PROCESS 2:
for(time M week)
.....
end for PROCESS 2
.....
]

```

*2

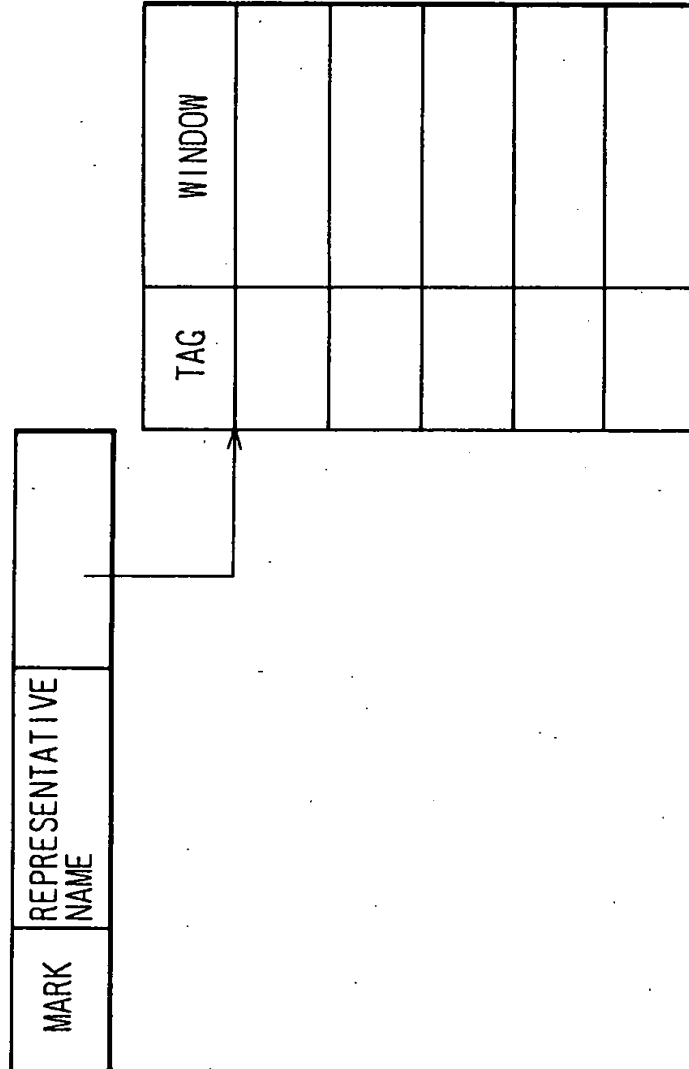
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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DATE		

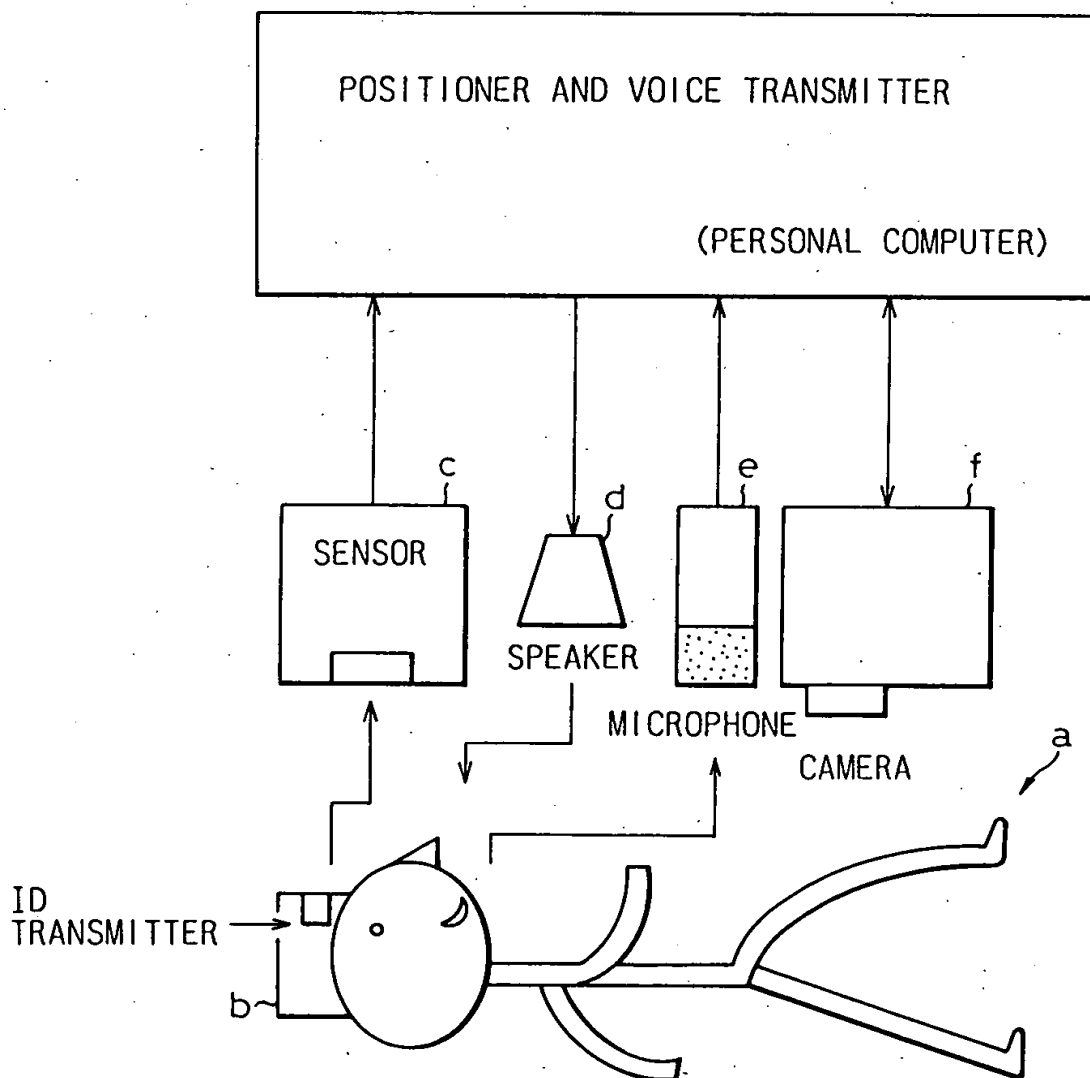
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Fig.38



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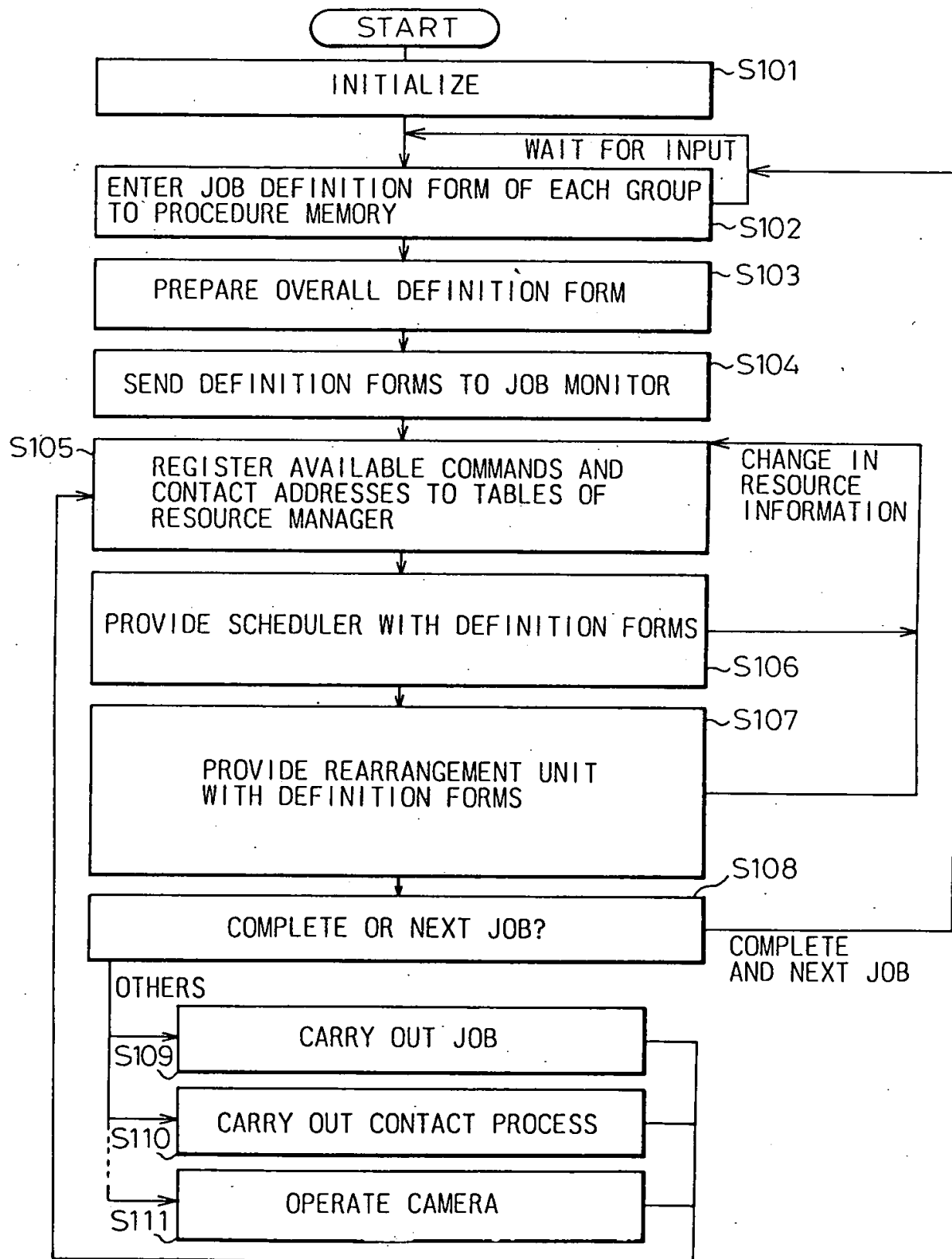
Fig. 39



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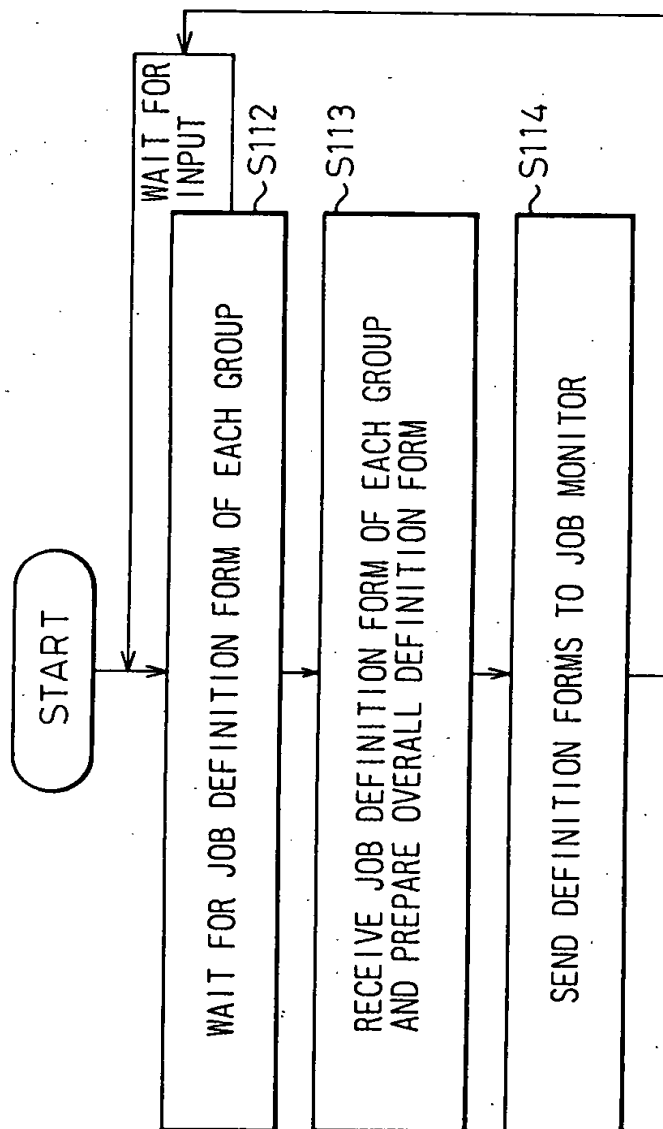
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Fig.40



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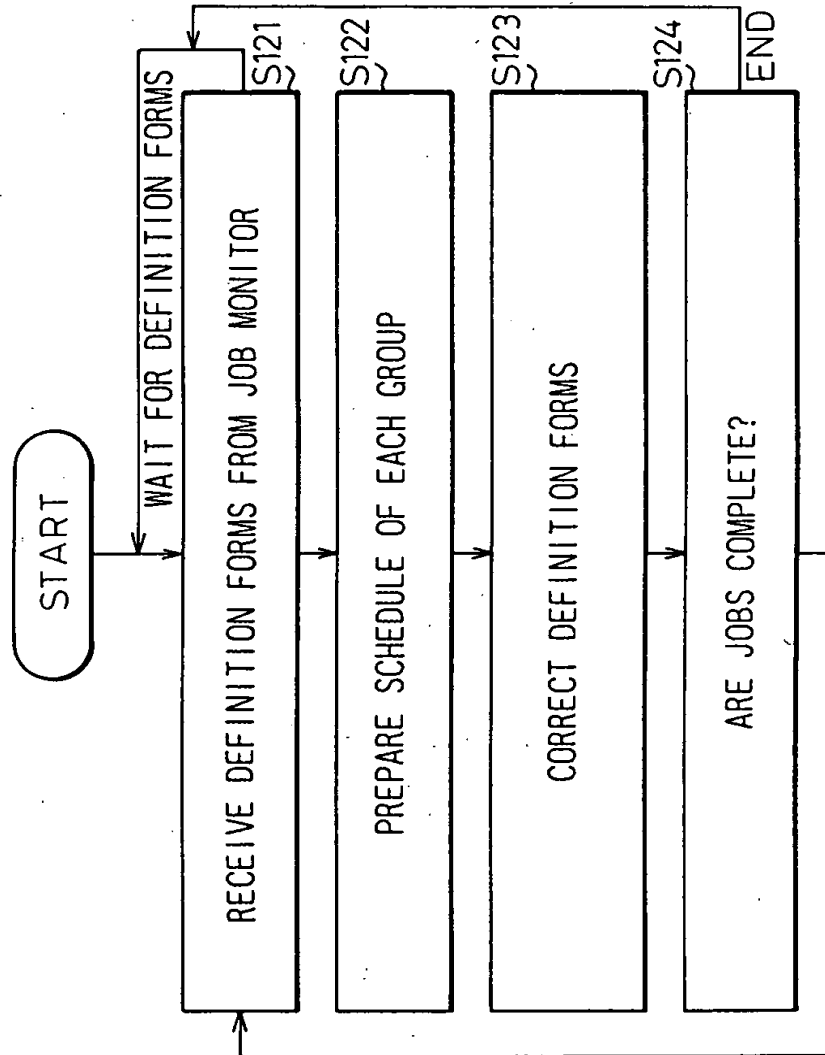
Fig. 41



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
TRAINING		

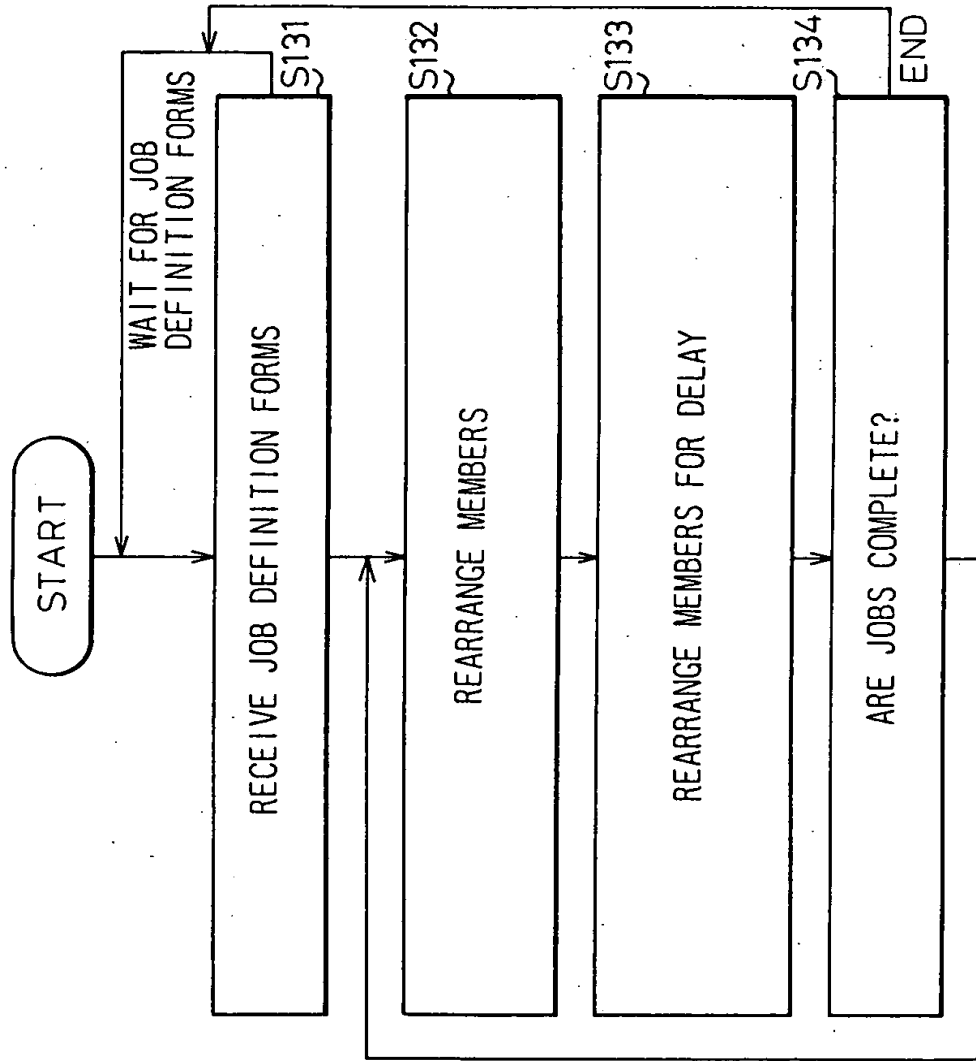
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Fig. 42



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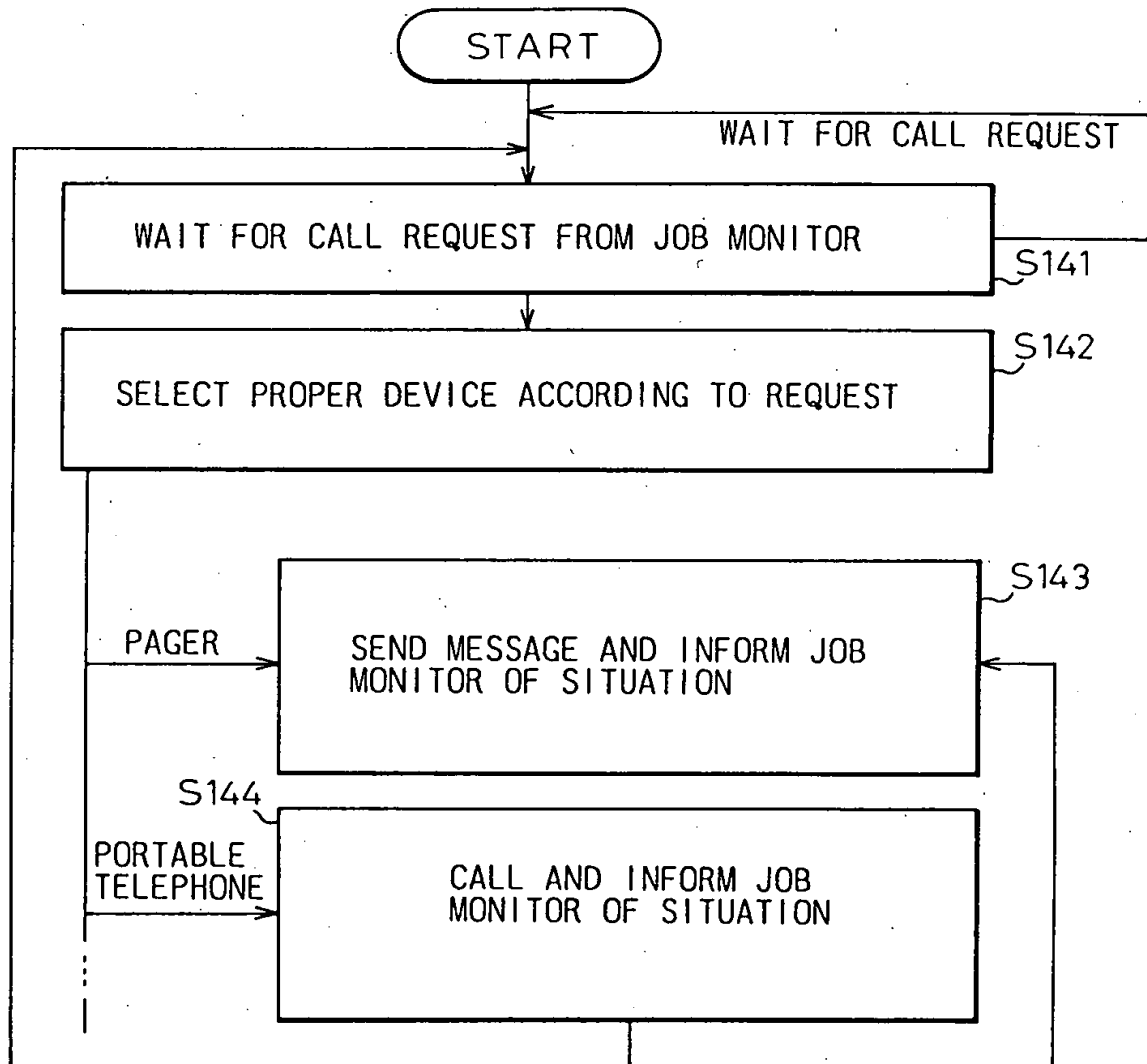
Fig.43



APPROVED	D.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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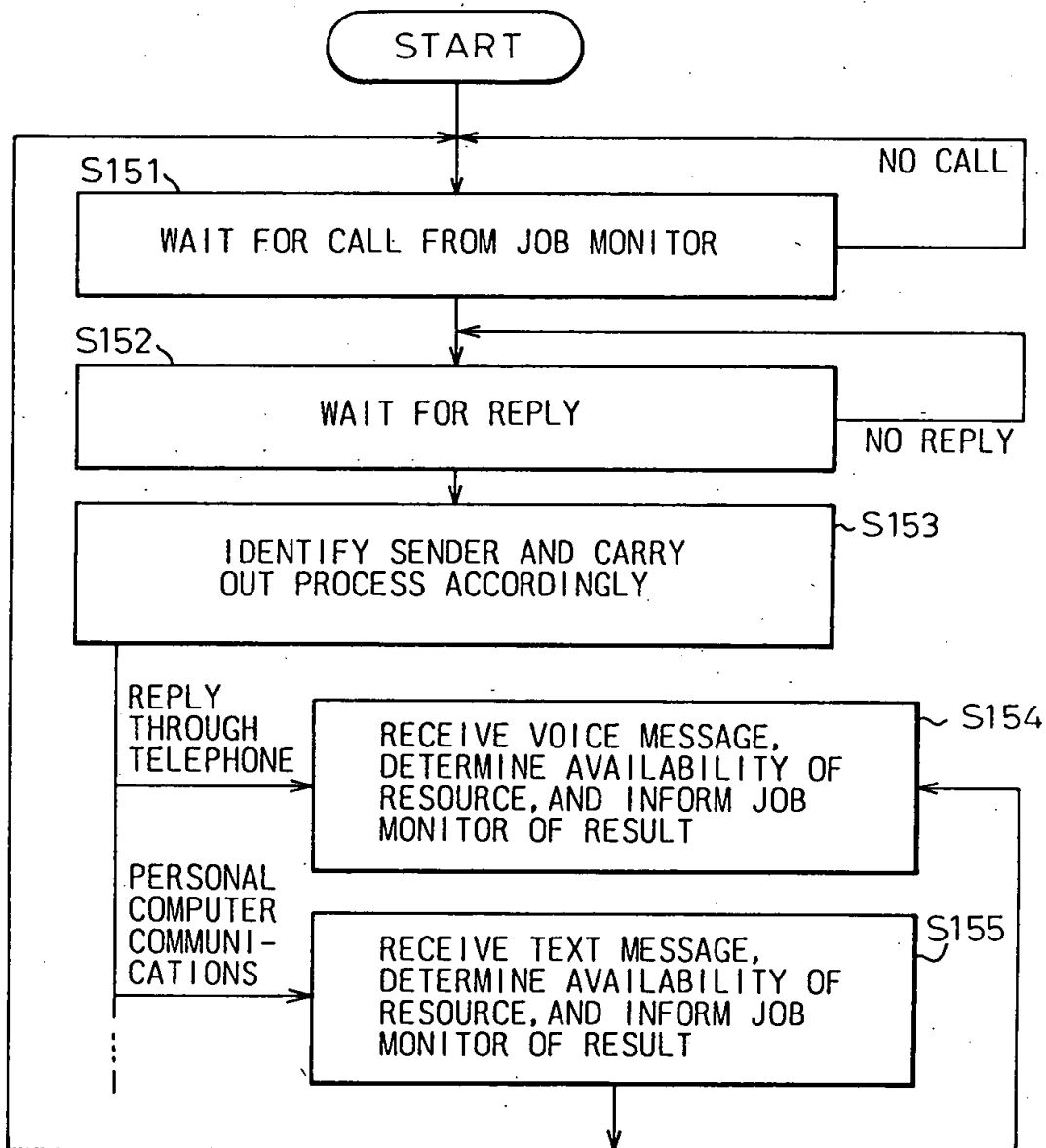
Fig.44



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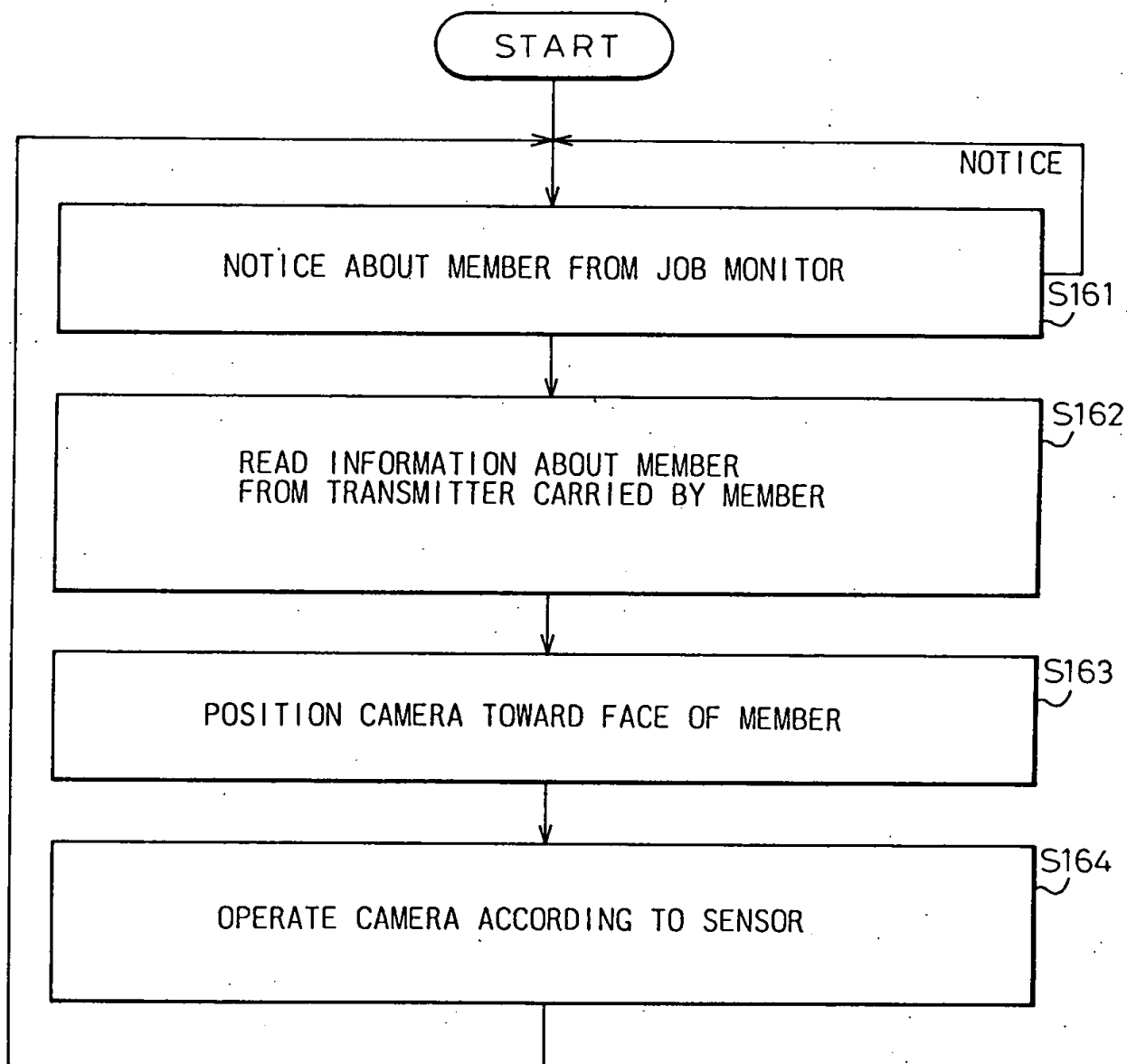
Fig.45



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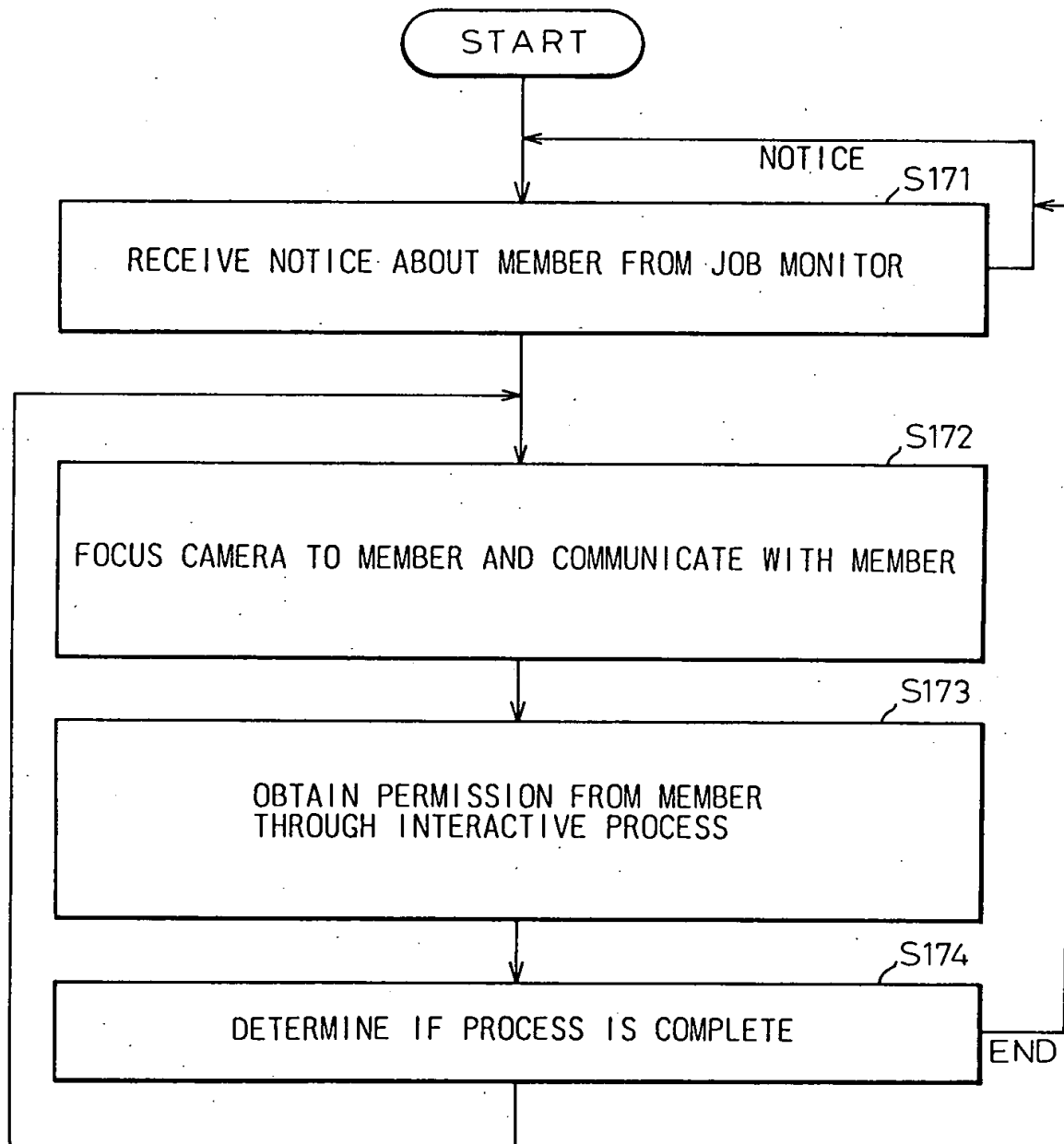
Fig.46



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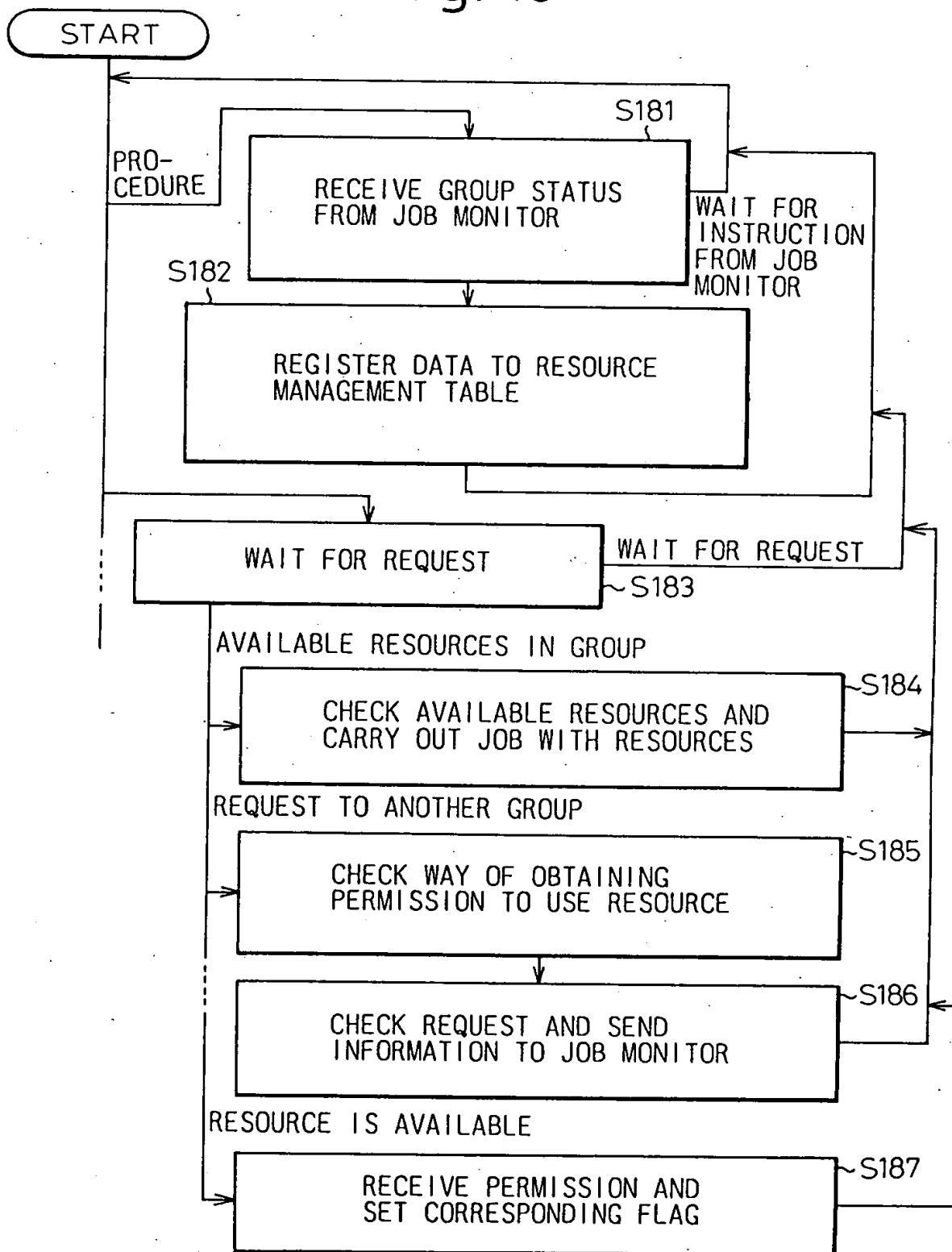
Fig.47



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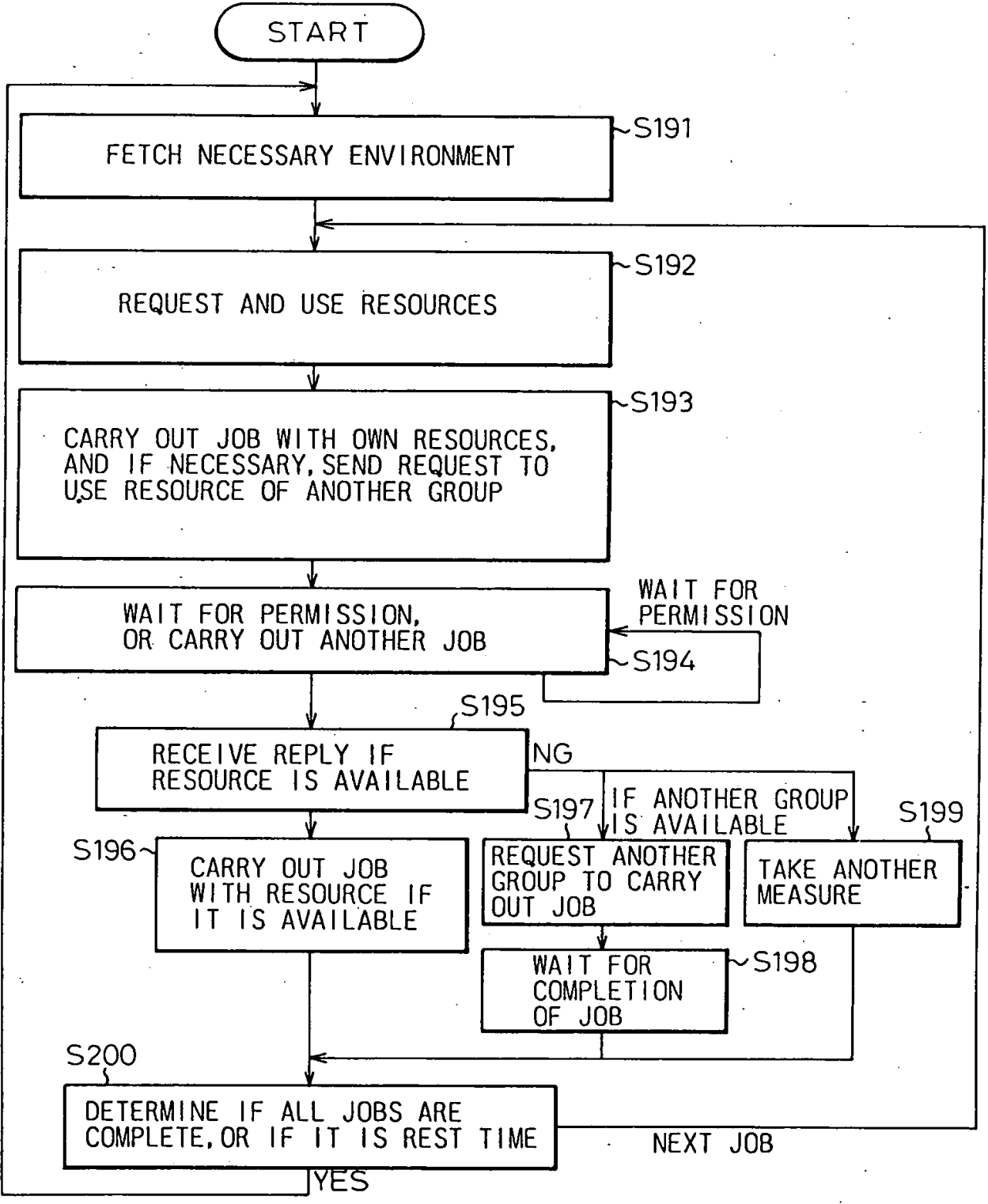
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Fig.48



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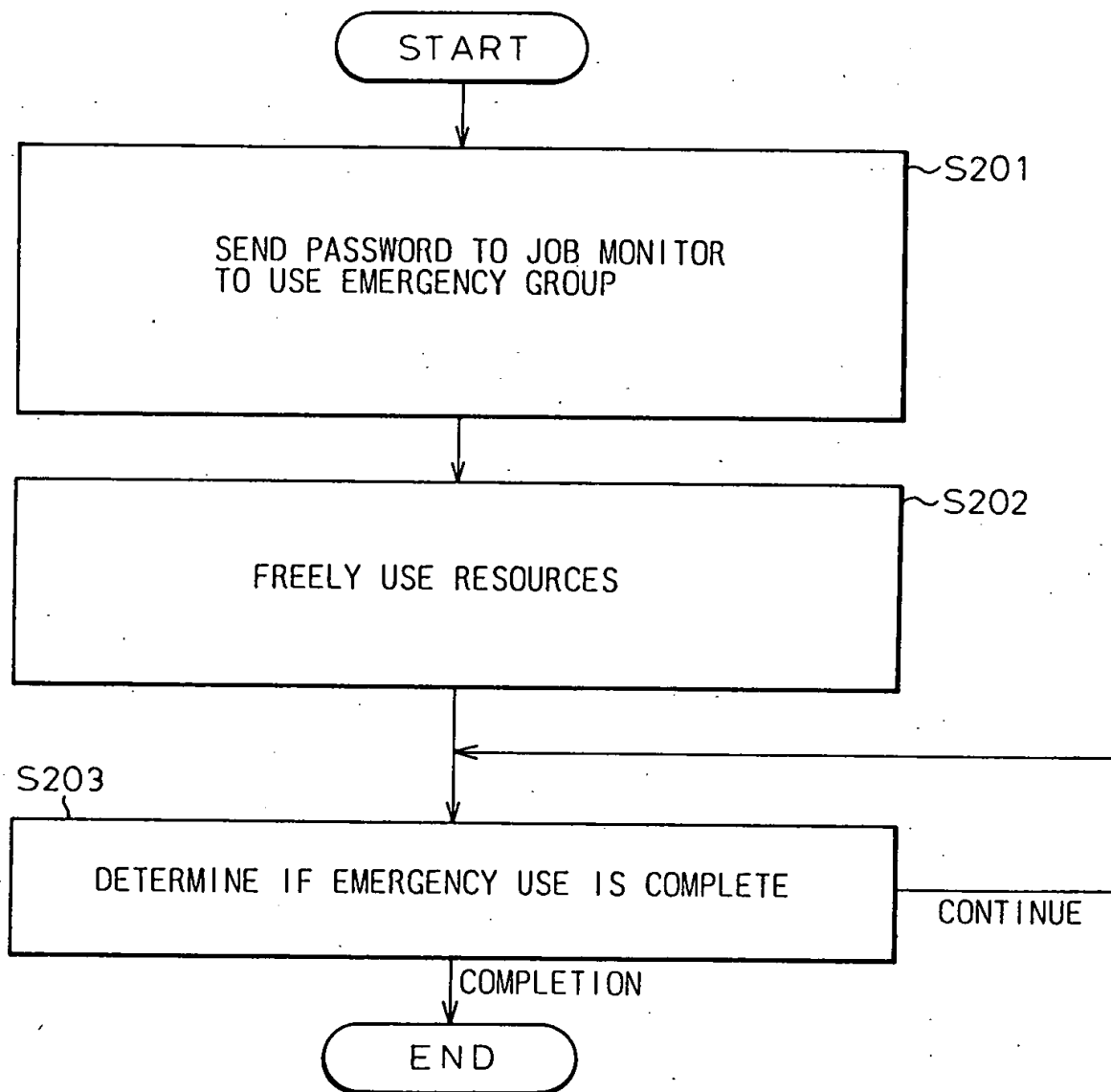
Fig. 49



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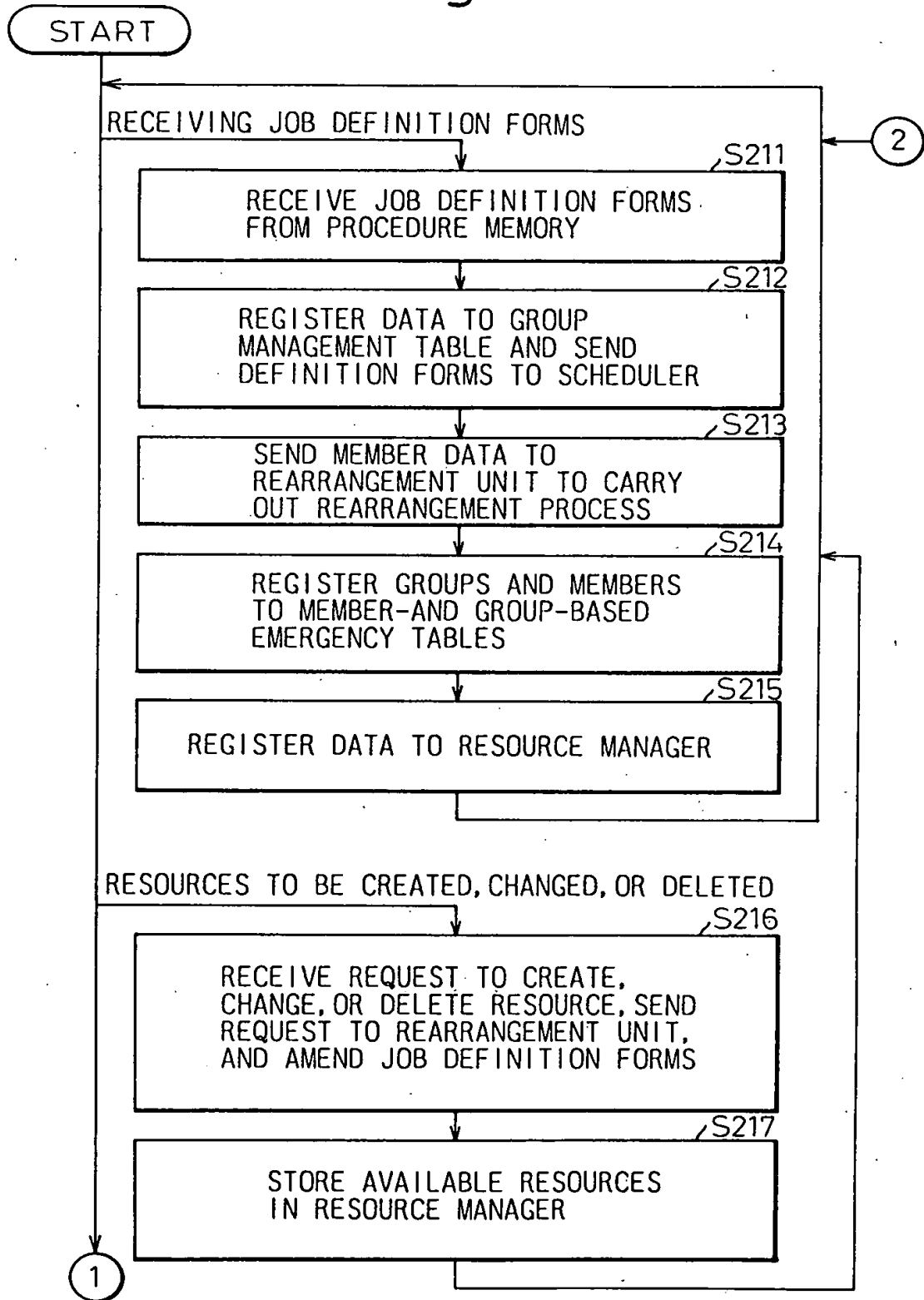
Fig.50



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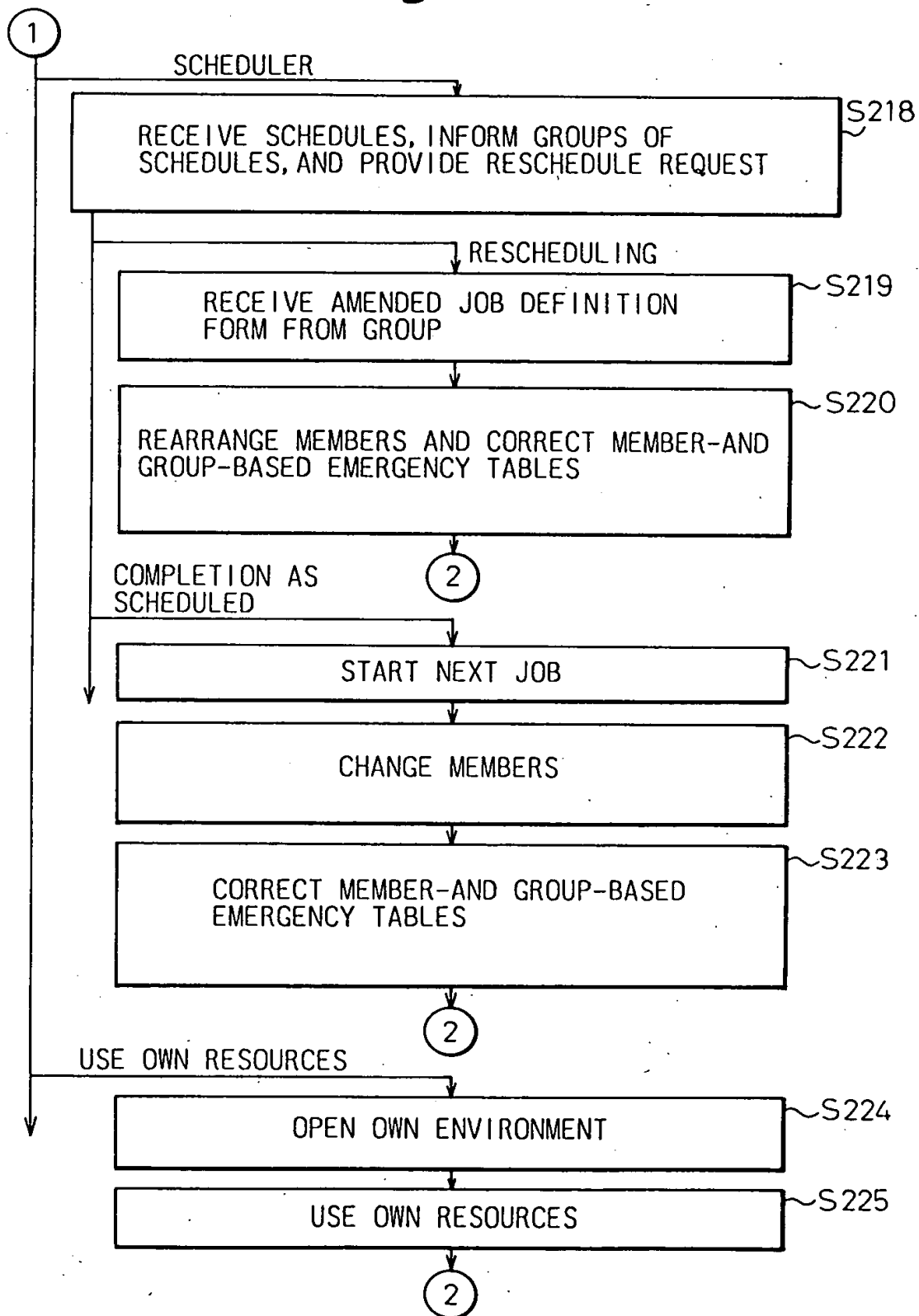
Fig.51



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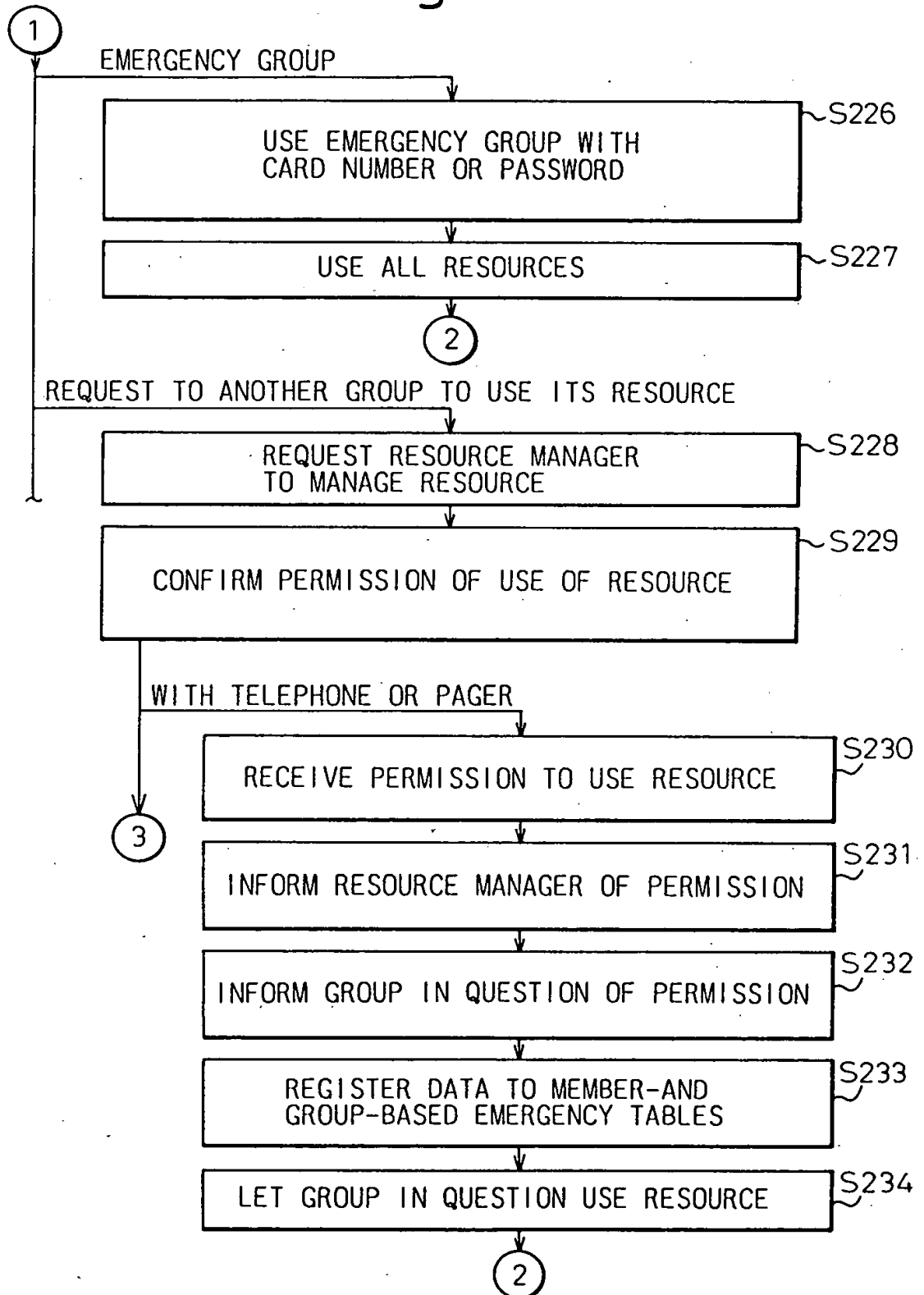
Fig.52



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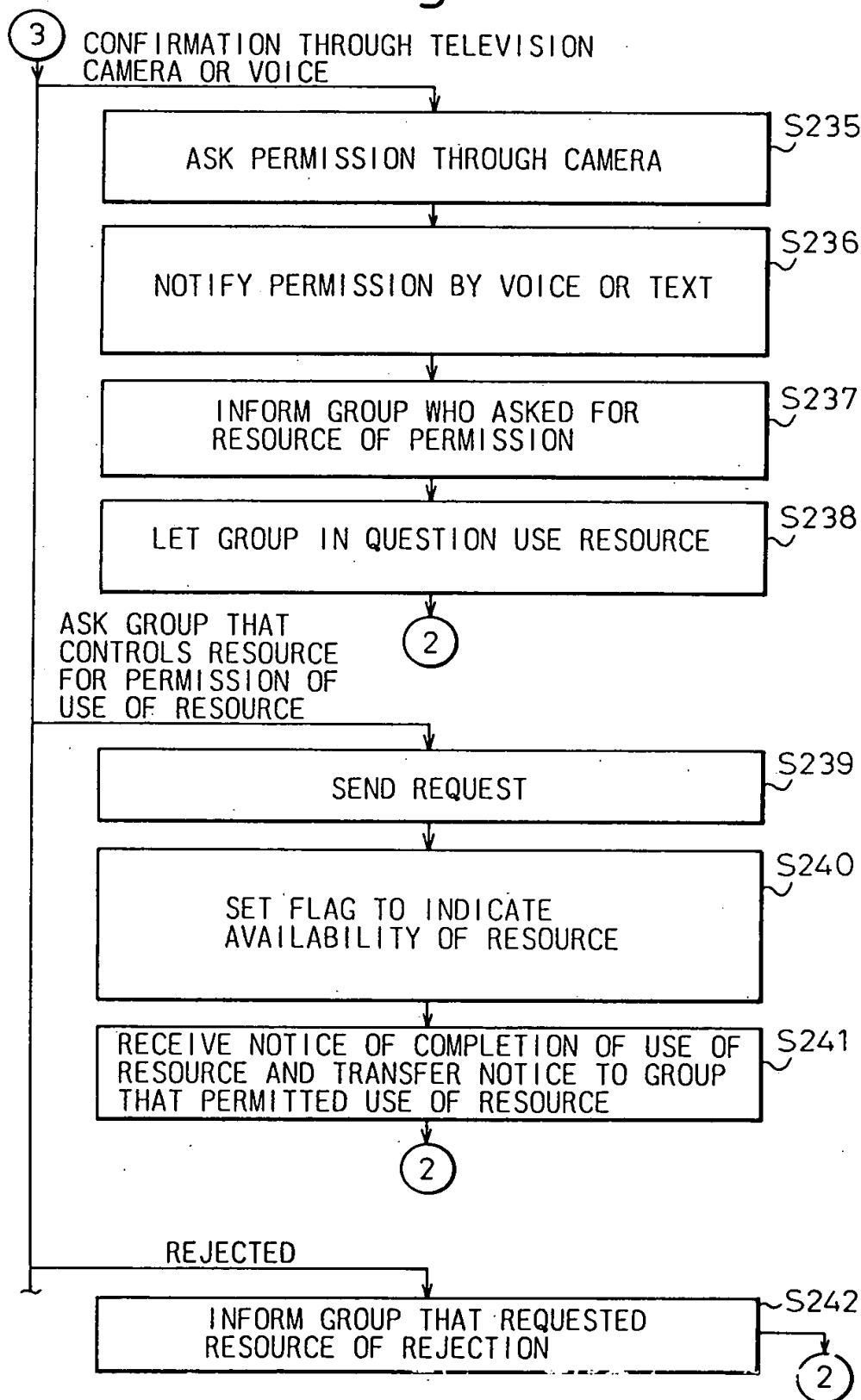
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Fig.53



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Fig.54



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